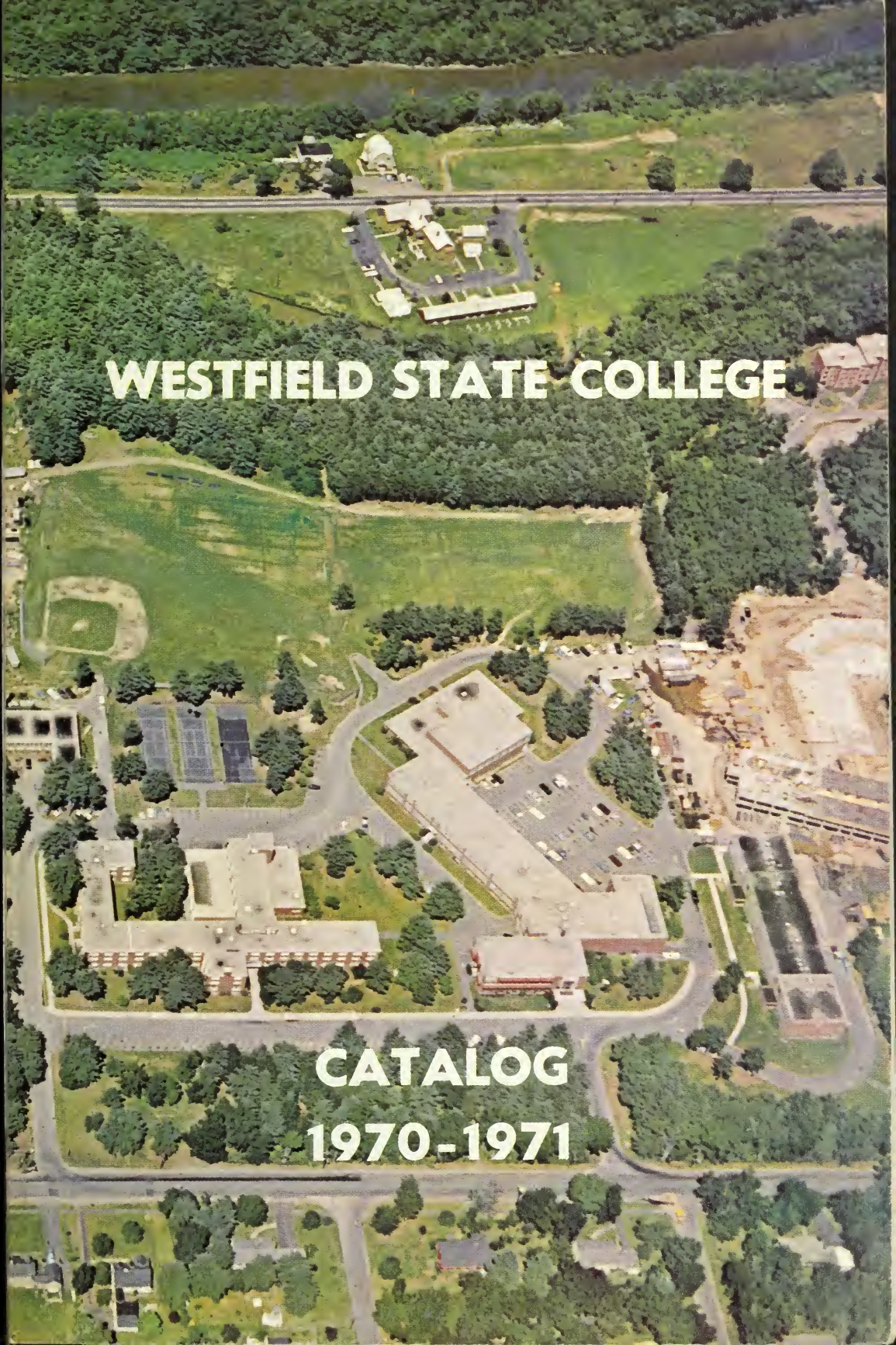

WESTFIELD STATE COLLEGE

CATALOG 1970-1971

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WESTFIELD STATE COLLEGE

Founded in 1838
Established at Barre, 1839

CATALOG 1970-71

Mailing Address
Westfield, Massachusetts 01085
Telephone (413) 568-3311

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ACCREDITATIONS AND MEMBERSHIPS

Accredited by

New England Association of Colleges and Secondary Schools, Inc.

National Council for Accreditation of Teacher Education

Member of

American Association of Colleges for Teacher Education

American Association of University Women

American Library Association

Eastern States Association of Professional Schools for Teachers

Massachusetts Council of Teacher Education

New England Association of Colleges and Secondary Schools

New England Teacher Preparation Association

National Society for Study of Education

Association for Higher Education

Association of State Colleges and Universities

Mathematical Association of America (Academic Member)

Dr. Leonard J. Savignano—President—Westfield State College

PRESIDENT'S MESSAGE

As we contemplate a future that will make many demands upon all educational institutions, the favored position of Westfield State College to meet its growing responsibilities becomes increasingly evident.

Possessor of a proud and honored heritage spanning one hundred thirty two years' commitment to the highest of educational ideals, Westfield continues its contributions with a constantly developing academic program administered by a competent and dedicated faculty.

Our attractive, spacious, expanding campus provides the setting for the intellectual, social, physical, cultural, and emotional development of our student body.

The progressive development of our programs and facilities reaffirms the dedication of our Commonwealth to the education of our young citizens—our most important possession.

Leonard J. Savignano
President

I. The College

EDUCATIONAL PURPOSE

Westfield State College seeks to advance each student as far as patient and intensified preparation can develop his capabilities. Those who are willing to learn are led to the intellectual, physical, social, and emotional development essential for the unique growth of each individual.

The security and destiny of each person and every nation rests on the sound education of its people. Broad cultural understandings and appreciations are necessary for the development of intellectual, esthetic, moral, and spiritual values.

Colleges seek to prepare people through providing knowledge in all fields and specialization in some.

Our goals are to provide:

1. A purpose for living.
2. Personal training to embrace self-discipline, personal initiative, sound technical skills, and a rich cultural background.
3. The opportunities for each person to prove his worth through creative action.

These general purposes are translated into specific objectives by the members of the academic community. All these persons are engaged, daily, in the pursuit of excellence through their work with individuals and classes of individuals. The intellectual, social, emotional, and physical growth and development of each person is the specific objective. Both broad and specific college courses in many subjects, reading and study, social events, educational seminars, recreational programs, and athletic activities are the media for communicating the general purposes and specific objectives to our students.

THE DEVELOPMENT OF WESTFIELD STATE COLLEGE

The history of the development of Westfield State College is the history of Teacher Education in the Commonwealth of Massachusetts and, generally, the nation. The development is classical in that the times and the foresight of leaders of the times shaped the College.

In 1838, Westfield State College was authorized as a two-year co-educational Normal School by the General Court of Massachusetts. Horace Mann, the first Massachusetts Commissioner of Education, chose Dr. Samuel U. Newman as the first principal. Inspired by Mann's zeal for new causes, Dr. Newman left his position as acting president of Bowdoin College and became principal. The school was opened for the fall semester of 1839 in the town of Barre—the first co-educational Normal School in America.

Barre proved to be a remote location. In 1844, the Normal School was relocated in Westfield. The City of Westfield was chosen as the site of the College because of "the natural beauties of the town and the progressive ideas of its people."

For the first 89 years, Westfield's academic program consisted of a two year normal course. In 1928, because of the growing complexity of the education profession, the Department of Education extended the program to three years. On April 1, 1932, Governor Joseph B. Ely signed the bill changing the Normal Schools to State Teachers Colleges, offering only a four year course.

At the same time, the court granted the privilege of awarding the degree of Bachelor of Science in Education and approved a change in name to "Massachusetts State Teachers College at Westfield." The College prepared teachers for grades 1-8 including General Science, English, History and Mathematics.

In 1939, the agitation to close several state teachers colleges was great. In 1941, the legislature voted to close no colleges. Westfield had survived.

In 1953, the General Court authorized the expenditure of the funds necessary to completely rebuild the College. Governor Christian A. Herter, with Representative Anthony Parenzo, broke the ground for the new Western Avenue campus on October 13, 1954. The new campus opened in September, 1956, with a dormitory for women (capacity 225), one general function building and a power plant. The women's dormitory was named Scanlon Hall after Edward J. Scanlon who was President from 1938 to 1961. On January 13, 1957, the general building was officially named Parenzo Hall, for the representative, and on May 22, 1959, the auditorium in Parenzo Hall was named Paul Andrew Dever Auditorium, for Governor Dever.

In 1960 the school became the Massachusetts State College at Westfield. The change in name reflected the growing emphasis on Liberal Arts and Liberal Arts preparation as basic preparation for teaching. On October 26, 1961, Leonard J. Savignano was inaugurated as President.

In 1962, the Bachelor of Arts degree was introduced and the teaching of

Modern Foreign Languages was instituted.

In 1964, a second classroom building was completed and named Bates Hall after William Gelston Bates, a Westfield attorney who played a major role in moving the College from Barre to Westfield.

In 1965, the Scanlon annex increased the dormitory capacity to 430 women. Almost 20 acres of land, adjacent to the campus, were acquired to bring the campus to about 100 acres. This acquisition also included a house, built in 1870, of Colonial style, which was rebuilt as the home of the President.

In 1966, the College was authorized to offer a Bachelor of Arts degree in English, History, Psychology, Mathematics, and Modern Languages without preparation for teaching these subjects. In September 1966, two new dormitories were opened, each with a capacity of 308. The women's dormitory was named Dickinson Hall after John W. Dickinson, principal from 1856 to 1877. (The first women's dormitory on the old College site was also named Dickinson Hall.) The men's dormitory was named Davis Hall after Emerson Davis who was principal from 1844 to 1846.

In the Spring of 1967, an addition to the dining hall was opened. This addition, with the modernization of the kitchen, more than doubled the capacity of the dining hall. Also in the Spring of 1967, the College acquired an adjacent 20 acres of land including an outdoor swimming pool. This acreage, 100 feet below the main campus can provide access to a second major highway to accommodate automobiles.

In 1967, the name was changed again, this time to Westfield State College.

In the Fall of 1968 construction was begun on the Joseph B. Ely Library and Student Union. Within this facility plans for an indoor olympic sized swimming pool are included. The projected completion and occupation is set for fall, 1970. New major programs were designed in 1968 and submitted for approval to the Trustees and the Board of Higher Education. By September, 1970, five new majors: the Bachelor of Arts in Art, General Studies, Music and Social Science and the Bachelor of Science in Law Enforcement will be offered. The Bachelor of Science in Physical Education for Men and for Women has been prepared and approved. These last two programs must wait for the completition of the Physical Education Complex currently being designed. Approximately 40 acres of the Russolillo tract were acquired for this purpose during 1968 and 1969.

In the Fall of 1968 a modern training school called the Juniper Park School was opened on a site adjacent to the campus. The Juniper Park School accommodates 800 children in 26 classrooms. The older Washington Street Training

School with 360 children in 11 classrooms is still in operation. These demonstration facilities are operated jointly with the Westfield Public School Department for grades Kindergarten through 6 and work in Special Education with the mentally retarded.

A science building to accommodate the Bachelor of Science in Biology, Chemistry, Physics and Earth & Space Science was begun in November, 1969. Mathematics, Psychology and Data Processing will also be housed in this new structure. A new power plant will be in operation by mid 1971.

In the last decade, Westfield State Collge grew from one major, Education for grades 1 through 8, to eighteen majors with two more ready and waiting. The classroom space more than doubled and is about to be doubled again. The campus acreage has increased to 150 acres. The dormitory accommodation has tripled. The student body has increased from 420 to 2250 and the faculty has increased from 32 to 160.

The projections and the planned growth will undoubtedly double the size of the college in the 70's. However, the 60's will probably never be eclipsed for rate of growth: physical, students, faculty, programs.

Leonard J. Savignano
President

THE STUDENTS OF WESTFIELD STATE COLLEGE

Undergraduates. The entrance requirements at Westfield State College, while liberal, do require that the prospective undergraduate be a high school graduate who has demonstrated his academic ability. In addition, all students must show satisfactory performance on the College Board Scholastic Aptitude Test and three of its achievement tests.

Westfield State College seeks and finds high school graduates who wish to increase their stature through college level work. They are not young people who just study, but rather those who can benefit from a rich physical, social, and emotional atmosphere. We seek those who can prove their personal and professional worth through creative action. This leads to the development of purpose. We enroll classes and numbers of people who meet stated minimum criteria, we seek the unique development of each person in a rich cultural setting. Personal initiative as well as technical and social skill are highly regarded.

Residence Requirements. The usual four year degree requires 8 semesters, 16 weeks long, of full-time attendance. The minimum credit load each semester, to maintain matriculation, is 12 semester hours. The maximum credit load is 18 semester hours. The four year program may be extended through summer sessions or additional semesters for academic, professional, and personal reasons. The majority of transfer students will find that some adjustments are necessary. The academic year is one quarter of 120 semester hours for undergraduates.

The college programs are available to all qualified United States citizens and to selected students from other Countries.

Undergraduate enrollment projections are derived from current enrollments, the Academic Plan, the Physical Master Plan and the needs of the Pioneer Valley. After all the studies and the considered opinions of the administration, the building or not building of a dormitory or the availability of three more classrooms will change the plans of men and women. This is not a case of plans going wrong or the absence of anticipation; it is responsiveness to developing realities.

	Fall 1969	Fall 1970	Fall 1975
Men	664	750	1400
Women	1424	1500	2600
	2088	2250	4000

	Fall 1980	Fall 1985
Men	1850	2350
Women	3150	3650
	5000	6000

All unmarried students of Westfield State College are required to live in one of the campus dormitories, commute from their homes, or live with relatives in a situation previously approved by the College. Off-campus living in any other type of residence is not acceptable. This regulation is binding on all students regardless of age or sex.

These regulations and charges are subject to change by the Board of Trustees.

I. APPLICATION

$10.00 (not refundable nor applicable to tuition).

II. TUITION

A. Residents of Massachusetts

1. Full-time day session students: $200.00 a year payable in two installments at the beginning of each semester.
2. Part-time day session students: $7.00 a semester hour.

B. Non-Residents

1. Full-time day session students: $600.00 a year payable in two installments at the beginning of each semester.
2. Part-time day session students: $21.00 a semester hour.

III. REGISTRATION FEE

A. Each applicant must pay a registration fee of $20.00 following notification of acceptance or admission. This fee will be deducted from the total tuition of students who attend. It will be forfeited by those who do not attend.

IV. STUDENT ACTIVITIES FEE

All students are required to pay a Student Activities Fee of $30.00 which entitles them to become members of the various organizations on campus. These funds are used to promote activities which will be of benefit to the College at large and is non-refundable.

V. TEXTBOOKS AND SUPPLIES

Students must purchase all necessary textbooks and supplies at an approximate expense of $125.00 a year.

VI. DORMITORY

A. Room Rent — $460.00, 2 in a room: Dickinson Hall, Davis Hall. $320.00, 3 in a room: Scanlon Hall, payable in semester payments of $230.00 or $160.00. Each applicant for a dormitory reservation must pay a deposit of $25.00 immediately following notification of admission to the dormitory. This deposit will be deducted from the total dormitory fee of students who attend. It will be forfeited by those who do not attend. Dormitory students will also pay a Room Damage Deposit of $25.00 and a Mattress Fee of $3.00.

B. Board — Women, $275.00 per year. Men, $325 per year.
Payable in semester payments of half the total amount. This fee includes three meals a day. One main meal and lunch are provided on Saturday and Sunday.

VII. ORIENTATION FEE

$5.00 for Freshmen and $2.00 for Transfer Students.

VIII. ATHLETIC FEE $25.00

This fee is to support the athletic activities of the College and is non-refundable. The fee does not cover individual participation in sports.

IX. MISCELLANEOUS FEES

1. Library Development Fee (per semester)	$ 5.00
2. Placement Service Fee (Seniors only)	5.00
3. Biology (per semester — per course)	10.00
4. Chemistry (per semester — per course)	10.00
5. Physics (per semester — per course)	10.00
6. Physical Science (per semester — per course)	10.00
7. Physical Education	
for men per academic year	25.00
for women per academic year	5.00
8. Art Courses (per semester — per course)	7.00
9. Music	
Piano Lab. course (per course)	5.00
Use of College instrument (per year)	5.00
10. Foreign Languages (per year)	5.00
11. Driver Education (Cont. Studies) (per semester)	5.00
12. Reading Clinic (Cont. Studies) (per semester)	5.00
13. Individual Testing or Diagnostic Course (Cont. Studies) (per semester)	5.00

X. OTHER EXPENSES

1. Gymnasium outfit for Women (approximate)	30.00
2. Gymnasium outfit for Men (approximate)	20.00
3. Locker fee	1.00
4. Towel fee	5.00
5. Miscellaneous (approximate)	30.00
6. Health Insurance (optional, per calendar year)	34.50

XI. REFUND POLICY

If a student leaves the College, refunds are allowed as follows:
100% during orientation week.
80% within the first two weeks of classes.
60% during the third through sixth week of classes.
After the sixth week of classes there is no refund.
Effective September 1, 1970: If there is occupancy of a dormitory room *for as much as one day or more,* no refund will be made.
There is no refund at any time of the Student Activity, Athletic or Orientation Fees.

XII. All students will receive a bill prior to the date payments are due.
All payments must be by check or money order made out to and mailed to:

Bursar
Westfield State College
Westfield, Massachusetts 01085

Parenzo Hall — 1956

THE ADMINISTRATION OF WESTFIELD STATE COLLEGE

The ultimate authority is the Board of Higher Education. The B.H.E. is composed of seven public members (two must be women, one must come from labor and one from private higher education and four members from (one from each): The University of Massachusetts, State Colleges, Regional Community Colleges, and L.T.I. — S.M.U. alternate. Under the leadership of a chancellor its function is to conduct research and coordinate public higher education.

The relationship of the Trustees of the State Colleges to the B.H.E. is defined by the following policy statement.

MASSACHUSETTS BOARD OF HIGHER EDUCATION

Policy Statement on Program and Course Approval

(As approved by the Board of Higher Education January 19, 1968.)

The Board of Higher Education is responsible, under the General Laws Relating to Education of the Commonwealth, to approve the degrees to be awarded by the public institutions of higher education of the Commonwealth, to define and authorize new programs and functions for these institutions, and to delineate the changes in functions of the several institutions and segments of public higher education.

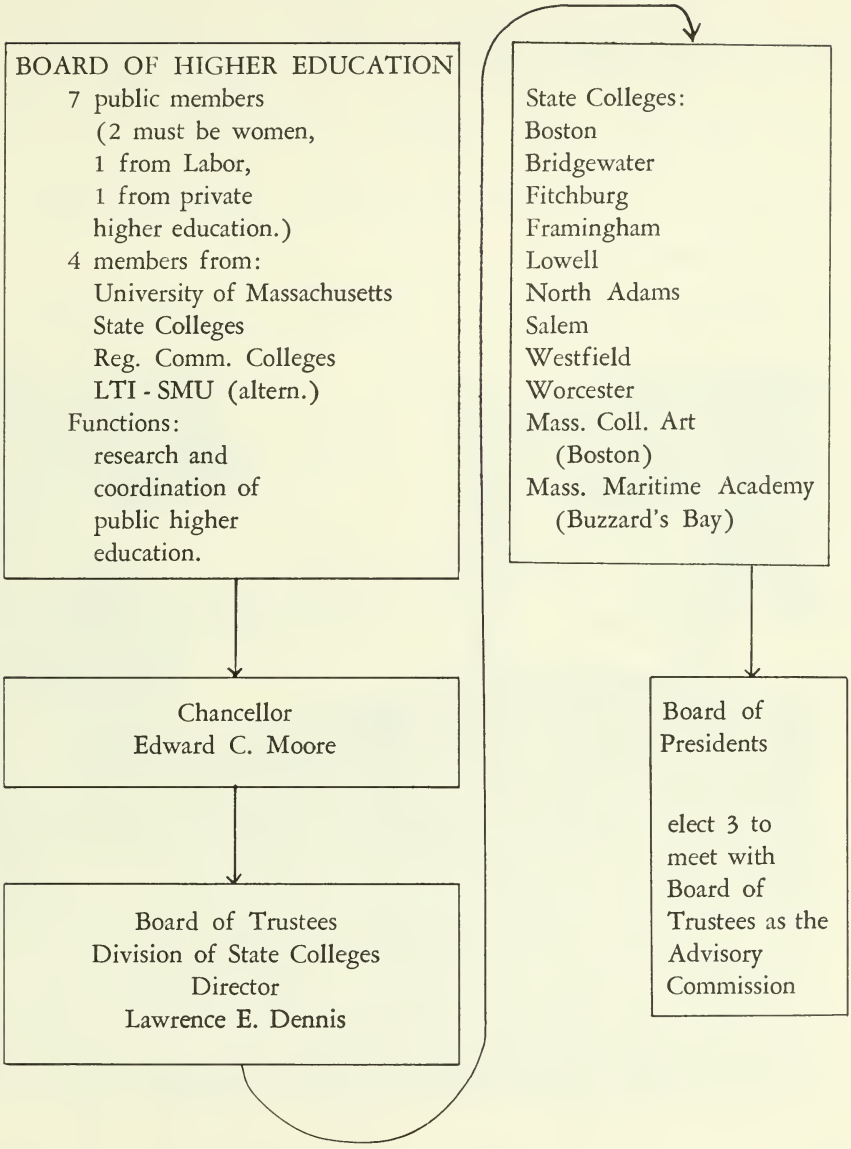
Under its Collegiate Authority responsibility, the Board of Higher Edution will consider all new degrees, and changes in institutional programs which involve major new institutional departures. Such changes are defined as programs requiring the addition of new types of personnel and/or major equipment or facilities changes. Changes which are modifications of present programs or which involve the addition of courses within a present field of study will not require review by the Board of Higher Education. However, for information purposes notice of all modifications should be forwarded to the Board or its staff.

(This policy has been developed in pursuance of directions of Chapter 15 of the General Laws † 1D, paragraphs 5 and 6, † 28, paragraphs 2, 3, and 5; Chapter 73, † 1, paragraphs 1 and 2; Chapter 75, † 2, paragraph 1; Chapter 75A, † 1, paragraphs 1 and 2; and Chapter 75 B, † 1, paragraphs 1 and 2.)

The "Trustees of the State Colleges" is one of five groups of trustees in the Commonwealth who are responsible to the B.H.E. The five groups are:

Trustees of Regional Community Colleges
Trustees of the University of Massachusetts
Trustees of State Colleges
Trustees of Lowell Technological Institute
Trustees of Southeastern Massachusetts University

ORGANIZATION AND CONTROL



BOARD OF TRUSTEES OF THE MASSACHUSETTS STATE COLLEGES

1970 - 1971

	Expires	Home
Mr. John M. Cataldo (chairman) National Freight Traffic Service 150 Causeway Street Boston, Masachusetts 02114	1/24/74	44 Bay State Road Weston, Mass. 02193
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Mrs. Kenneth C. Spengler	1/24/71	189 Jason Street Arlington, Mass. 02174

	Expires	Home
Mr. Thomas A. Sullivan	1/24/74	United South End Settlement 20 Union Park Boston, Mass. 02118
Mrs. Sol W. Weltman	1/24/72	1010 Memorial Drive Cambridge, Mass. 02138
Dr. Edward C. Moore, Chancellor Board of Higher Education 182 Tremont Street Boston, Massachusetts 02111	Ex-Officio	

Bates Hall — 1962

THE FACULTY OF WESTFIELD STATE COLLEGE

1970

EDGAR C. ALWARD, B.A., M.Ed.
Assistant Professor of English, 1966
Gordon College, A.B., 1946; University of Maine, M.Ed., 1961.

PETER PAUL BALL, B.A., M.A.
Instructor of Chemistry, 1967
American International College, B.A., 1953; M.A., 1961.

AMICO J. BARONE, B.S., M.Ed.
Assistant Professor of English, 1969
Mount St. Mary's, B.S., 1948; Westfield State College, M.Ed., 1967.

DONALD J. BASTARACHE, B.Mus.Ed., M.Mus.
Assistant Professor of Music, 1970
Boston University, B.Mus.Ed., 1961; Boston Conservatory of Music, M.Mus., 1963

FRANK W. BATES, B.S., M.S.
Instructor of Biology, 1964
Colorado State University, B.S., 1948; University of Massachusetts, M.S., 1950.

HARRY A. BECKER, B.A., M.A., Ph.D.
Dean, Graduate and Continuing Education, 1970
University of Connecticut, B.A., 1934; Yale University M.A., 1943; Ph.D., 1944.

ROBERT C. BELL, B.A., M.Ed.
Assistant Professor of Elementary Education, 1969
University of Massachusetts, B.A., 1960; M.Ed., 1962.

GILBERT W. BILLINGS B.S.Ed., M. BASIC SCIENCE
Assistant Professor of Physical Science, 1966
Castleton State College, B.S.Ed., 1956; University of Colorado, M. Basic Science, 1962.

F. PAUL BOGAN, B.Ed., M.Ed.
Associate Professor of Physical Education, 1969
University of Massachusetts, B.Ed., 1960; Pennsylvania State University, M.Ed., 1961.

JOHN W. BOLDUC, A.B., M.A.
Associate Professor of Mathematics, 1968
St. Anselm's College, A.B., 1937; Columbia University, M.A., 1948.

ANTHONY J. BONACQUSTI, B.S.Ed., M.S.
Instructor of Geography, 1969
North Adams State College, B.S.Ed., 1960; Pennsylvania State University, M.S., 1968.

ROBERT L. BRADY, B.A., M.A., Ph.D.
Professor of History, 1969
Loras College, B.A., 1948; State University of Iowa, M.A., 1952; Ph.D., 1965.

ROBERT T. BROWN, B.S.Ed.
Instructor of History, 1967
Geneseo, SUNY, B.S.Ed., 1965.

LOUISE BUTLER, B.A., M.S.
Instructor of Elementary Education, 1969
University of Connecticut, B.A., 1952; Central Connecticut State College, M.S., 1964.

GEORGE C. CAMARA, B.S., M.A.
Assistant Professor of English, 1968
Southern Connecticut State University, B.S., 1961; Northeastern University, M.A., 1964.

THOMAS H. CANDON, A.B., M.A., Ph.D.
Professor of English, 1968
St. Michael's College, A.B., 1938; University of Vermont, M.A., 1946; Boston University, Ph.D., 1954.

GUS CHRISANTHOPOULOS, B.A., M.Ed.
Assistant Professor of Biology, 1970
American International College, B.A., 1959; Westfield State College, M.Ed., 1961.

ALVIN I. COHEN, B.A., M.A., Ph.D.
Associate Professor of Psychology, 1968
Northeastern University, B.A., 1955; Southern Illinois University, M.A., 1957; Southern Illinois University, Ph.D., 1960.

PORTER D. H. COLE, A.B., D.Phil.
Professor of English 1960
Harvard University, A.B., 1941; Oxford University, D.Phil., 1950.

JOSEPH FRANCIS COMERFORD, B.S., M. Ed., Ed.D.
Professor of Education, 1966
Bridgewater State College, B.S., 1943; Boston University, M.Ed., 1949
Boston University, Ed.D., 1954.

PATRICIA C. CONANT, B.F.A., M.F.A.
Instructor of Art, 1969
Massachusetts College of Art, B.F.A., 1961; Tufts University, M.F.A., 1963.

JOSEPH K. CONNOLLY, B.A., M.A., Ph.D.
Assistant Professor of Psychology, 1969
American International College, B.A., 1951; American International College, M.A., 1956; Fordham University, Ph.D., 1968.

JOAN CORELL, B.S., M.S., Ph.D.
Assistant Professor of Psychology, 1968
Wagner College, B.S., 1959; Indiana University, M.S., 1962; Ph.D., 1968.

BARBARA G. CORRIDAN, B.S.E., M.Ed., Ed.D.
Associate Professor of Psychology, 1960
Westfield State College, B.S.E., 1947; Columbia University, M.Ed., 1948; Columbia University, Ed.D., 1950.

FLOYD W. CORSON, A.B., M.Music
Assistant Professor of Music, 1968
Boston University, A.B., 1952; Boston University, M.Music Education, 1954.

W. KENNETH COTTON, B.A., M.A., M.S.L.S.
Librarian, 1966
University of New Hampshire, B.A., 1948; Ohio University, M.A., 1957; Simmons College, M.S.L.S. 1962.

WILLIAM E. CREAN, B.S.Ed., M.Ed.
Assistant Professor of Education, 1963
Assistant Director of Admission, 1968
Westfield State College, B.S.Ed., 1950; American International College, M.Ed., 1954.

GEORGE A. CURTIN, B.A., M.A.
Instructor of English, 1966
College of Our Lady of the Elms, B.A., 1961; Rivier College, M.A., 1965.

JUSTIN R. CURRY, B.F.A., M.F.A.
Instructor of Art, 1968
Tufts University, B.F.A., 1958; Tulane University, M.F.A., 1962.

RAYMOND DANTON, B.S.Ed., M.S.
Instructor of Physical Science, 1969
Westfield State College, B.S.Ed., 1967; Central Connecticut State College, M.S., 1969.

ABE DELSON, B.A., M.A., Ph.D.
Associate Professor of English, 1969
City College of New York, B.A., 1953; New York University, M.A., 1957; New York University, Ph.D., 1968.

WILLIAM D. DENNIS, B.S., M.A., Ph.D.
Professor of Modern Foreign Language, 1969
Harvard University, B.S., 1941; Boston University, M.A., 1947; Boston University, Ph.D., 1960.

JOHN J. DONOVAN, A.B., M.A., Ph.D.
Professor of Sociology, 1953
Boston College, A.B., 1937; Boston College, M.A., 1938; New York University, Ph.D., 1953.

CATHERINE A. DOWER, A.B., M.A., Ph.D.
Associate Professor of Music, 1969
Hamline University, A.B., 1943; Smith College, M.A., 1948; Catholic University, Ph.D., 1968.

ARTHUR E. DRISCOLL, B.S., M.S.
Instructor of Biology, 1967
University of Massachusetts, B.S., 1965; Northeastern University, M.S., 1967.

MARIE V. DUFFY, B.S.Ed.
Instructor of Women's Physical Education, 1967
Salem State College, B.S.Ed., 1965.

JOEL CONRADT EBERLIN, B.A., M.S.
Assistant Professor of Biology, 1970
Mount Holyoke College, 1952; B.A., Yale University M.S., 1960.

TILIA J. FANTASIA, B.S.Ed., M.Ed., Ed.D.
Associate Professor of Physical Education, 1969
Tufts University, B.S.Ed., 1958; M.Ed., 1961; Boston University, Ed.D., 1969.

ROGER FISCHER, B.A., B.D.
Instructor of Sociology, 1969
West Virginia Wesleyan College, B.A., 1958; Andover Newton Theological School, B.D., 1962.

WILLIAM M. FINNEGAN, B.S., M.S.
Instructor of History, 1969
Bridgewater State College, B.S., 1951; University of Massachusetts, M.S., 1953.

BERNARD J. FLEURY, B.A., M.S., Ed.D.
Associate Professor of Education, 1970
University of Massachusetts, B.A., 1953; M.S., 1956; Ed.D., 1968.

LAWRENCE C. FOARD, Jr., B.A., M.A., Ph.D.
Assistant Professor of Philosophy, 1968
Ursinus College, B.A., 1957; Yale University, B.D., 1960; University of Pennsylvania, M.A., 1963; Temple University, Ph.D., 1970.

ALBERT J. GENUA, B.S., M.A., Ph.D.
Professor of Physical Science, 1957
Connecticut University, B.S., 1934; Columbia University, M.A., 1943; Fordham University, Ph.D., 1952.

RONALD J. GOBA, B.A., M.A.
Assistant Professor of English, 1968
Assumption College, B.A., 1958; Boston College, M.A., 1963.

MIECZYSLAW GODEK, B.S.Ed., M.S.
Director of Planning and Development, 1969
Fitchburg State College, B.S.Ed., 1938; Rensselaer Polytechnic Institute, M.S., 1959.

WALLACE L. GOLDSTEIN, B.S.Ed., M.A., Ph.D.
Professor of English, 1958
Bridgewater State College, B.S.Ed., 1942; Columbia University, M.A., 1946; New York University, Ph.D., 1956.

GERARD GRAVEL, B.S., M.Ed.
Assistant Professor of Men's Physical Education
University of Massachusetts, B.S., 1960; Kent State University, M.Ed., 1962.

ROBERT P. GREEN, B.P.E., M.Ed.
Director of Financial Aid, 1969
Purdue University, B.P.E., 1941; Westfield State College, M.Ed., 1964.

GIOVANNI GRINGERI, B.A., M.A., M.S.Ed.
Assistant Professor of Spanish, 1970
Liceo Classico "Guiseppe LaFarina" Messina, B.A., 1925; University of Wisconsin, M.A., 1956; Central Connecticut State College, M.S.Ed., 1967.

EDWIN J. HAERTL, B.S., A.M., Ph.D.
Professor of Biology, 1966
University of Massachusetts, B.S., 1927; Williams College, A.M., 1929; Harvard University, Ph.D., 1933.

CHARLES D. HAGAN, B.S., M.A.
Registrar, 1964
Arnold College, B.S., 1951; American International College, M.A., 1952.

CATHERINE A. HANDY, B.A., M.S.
Assistant Librarian, 1969
University of Massachusetts, B.A., 1953; Southern Connecticut State College, M.S., 1965.

FREDERICK F. HARLING, A.B., S.T.B., Ph.D.
Associate Professor of History, 1968
Tufts University, A.B., 1952; Boston University, S.T.B., 1959; Boston University, Ph.D., 1965.

NORMAN HIERSCHE, B.S., M.P.E.
Dean of Men, 1968
Springfield College, B.S., 1950; M.P.E., 1955.

ALPHONSE J. JACKOWSKI, B.S., M.S.
Associate Professor of Mathematics, 1968
University of Massachusetts, B.S., 1948; University of Massachusetts, M.S., 1950.

WALTER J. JENSEN, A.B., M.A.
Assistant Professor of Modern Foreign Languages, 1966
University of California, Los Angeles, A.B., 1940; Assumption College, M.A., 1966.

PATRICIA JONES, B.A., M.A.
Assistant Professor of English, 1970
University of California, B.A., 1962; University of California, M.A., 1963.

MARTIN KAUFMAN, B.A., M.A., Ph.D.
Assistant Professor of History, 1969
Boston University, B.A., 1962; University of Pittsburgh, M.A., 1963; Tulane University, Ph.D., 1969.

WINSTON B. KECK, B.A., M.Ed., Ed.D.
Executive Vice President, 1969
Bates College, B.A., 1938; Boston University, M.Ed., 1949. Ed.D., 1961.

LINWOOD KEMP, B.A., M.A.
Instructor of Modern Foreign Languages, 1968
Houghton College, B.A., 1963; Middlebury College, M.A., 1967.

DENNIS KEVIN KIELY, B.Mus., M.Mus.Ed., Ed.D.
Professor of Music, 1966
Boston University, B.Mus., 1947; M.Mus.Ed., 1949; Ed.D., 1956.

PATRICIA McMAHON, B.S.Ed., M.Ed.
Assistant Dean of Women, 1967
Westfield State College, B.S.Ed., 1961; Boston University, M.Ed., 1966.

ANDREW S. KIM, B.S., M.S.
Assistant Professor of Mathematics, 1968
Seoul National University, B.S., 1958; University of Massachusetts, M.S., 1962.

C. WENDELL KING, B.A., M.A., Ph.D.
Professor of Sociology, 1968
Yale University, B.A., 1940; M.A., 1941; Ph.D., 1943.

JOHN KURTY, B.S., M.S.
Assistant Professor of Physical Education, 1969
Pennsylvania State University, B.S., 1951; Springfield College, M.S., 1956.

SUZANNE KWATERSKI, B.A., M.S., Ph.D.
Assistant Professor of Psychology, 1969
Central Connecticut State College, B.A., 1965; University of Massachusetts, M.S., 1968; Ph.D., 1969.

DONALD LANDRY, B.S.Ed., M.Ed., Ph.D.
Associate Professor of Education, 1967
Westfield State College, B.S.Ed., 1954; Westfield State College, M.Ed., 1959; University of Connecticut, Ph.D., 1966.

LAWRENCE W. LATOUR, B.S.Ed., M.Ed.
Assistant Professor of Education, 1966
Westfield State College, B.S.Ed., 1956; Westfield State College, M.Ed., 1959.

LEO C. LeBLANC, B.S., M.Ed.
Instructor of Physical Education, 1965
University of Massachusetts, B.S., 1960; Northeastern University, M.Ed., 1965.

ROBERT LEHAN, B.F.A., M.F.A.
Instructor of English, 1968
Boston University, B.F.A., 1960; M.F.A., 1963.

IRVING J. LEPOW, B.S., M.S.
Assistant Professor of Biology, 1968
University of Massachusetts, B.S., 1936; University of Illinois, M.S., 1941.

JENNIE B. LESNIAK, B.S.Ed., M.S.
Assistant Professor of Education, 1957
Westfield State College, B.S.Ed., 1933; University of Massachusetts, M.S., 1945.

FRANCESCO A. LOIERO, B.A., Dottore in Lettere e Philosofia, M.A., Ph.D.
Professor of Modern Foreign Languages, 1962
Cosenza College, B.A., 1926; University of Naples, Dottore in Lettere e Philosofia, 1930; Middlebury College, M.A., 1947; Syracuse University, Ph.D., 1953.

FREDERICK J. LYNCH, B.F.A., M.Ed.
Assistant Professor of Art, 1969
Massachusetts College of Art, B.F.A., 1962; Westfield State College, M.Ed., 1964.

CAROL E. LYSAGHT, B.S.Ed., M.Ed., Ed.D.
Associate Professor of English, 1969
Salem State College, B.S.Ed., 1956; Boston University, M.Ed., 1960; Ed.D., 1969.

ARNO MARIS, B.F.A., M.F.A.
Associate Professor of Art, 1967
Boston Museum School (Tufts), B.F.A., 1955; Syracuse University, M.F.A., 1956.

MARIA MARIS, B.A., M.A.
Assistant Professor of Modern Foreign Languages, 1965
University of Connecticut, B.A., 1946; National University of Mexico, M.A., 1949.

P. I. MATTHEW, B.A., M.A., M.A.
Instructor of Economics, 1969
University of Kerola, B.A., 1962; M.A., 1964; University of New Hampshire, M.A., 1969.

LORETTA McHUGH, B.S.Ed., M.Ed., Ed.D.
Professor of Education, 1962
Bridgewater State College, B.S.Ed., 1934; Boston University, M.Ed., 1945; Ed.D., 1959.

MARK D. McINTIRE, B.A., M.A.
Instructor of Philosophy, 1967
Oblate College, B.A., 1965; M.A., 1967.

BERNARD G. McMAHON, B.S.Ed., M.A.T.
Assistant Professor of Art, 1969
Massachusetts College of Art, B.S.Ed., 1960; Assumption College, M.A.T., 1965.

FRANK E. MELLO, B.F.A., M.F.A.
Assistant Professor of English, 1968
Boston University, B.F.A., 1960; Boston University, M.F.A., 1961.

JAMES W. McKENNA, B.A., M.Ed.
Dean of Students, 1968
Boston College, B.A., 1948; Springfield College, M.Ed., 1956.

KATHLEEN T. MITCHELL, B.S.
Instructor of Physical Science, 1966
University College, Dublin, B.S., 1962.

MARGARET A. MORAN, A.B., M.Ed.
Assistant Professor of English, 1968
Mt. Holyoke College, A.B., 1957; University of Massachusetts, M.Ed., 1965.

STANLEY R. MUELLER, B.A., M.A., Ph.D.
Assistant Professor of Psychology, 1968
Rutgers University, B.A., 1957; Boston University, M.A., 1958; Ph.D., 1965.

CATHERINE A. NADON, B.M.Ed., M.M.Ed.
Assistant Professor of Music, 1970
New England Conservatory of Music, B.M.Ed., 1962; M.Mus.Ed., 1966.

JOHN F. NEVINS, B.A., M.A., M.A., Ph.D.
Associate Professor of Secondary Education, 1969
Niagara University, B.A., 1945; M.A., 1948; Catholic University of America, M.A. 1956; Ph.D., 1959.

WILLIAM O'NEILL, B.A., M.A., LL.B.
Assistant Professor of History, 1967
Providence College, B.A., 1951; Suffolk University, M.A., 1956; Suffolk Law School, LL.B., 1956.

JOHN E. O'SHEA, B.S.Ed., M.A.
Associate Professor of Geography, 1966
Westfield State College, B.S.Ed., 1950; Clark University, M.A., 1953.

RAYMOND T. OURAND, B.A., M.A.
Instructor of Modern Foreign Languages, 1967
Georgetown University, B.S., 1962; American University, M.A., 1967.

GERALD LaVERNE PAIST, B.A., M.A.T., C.A.S.
Assistant Dean, 1968
Lafayette College, B.A., 1961; Harvard University, M.A.T., 1962; C.A.S., 1967.

JOSEPH L. PAPPALARDO, B.S., M.Ed., C.A.G.S.
Assistant Professor of Secondary Education, 1969
Merrimack College, B.S., 1957; Boston State College, M.Ed., 1963; Boston University, C.A.G.S., 1966.

ANNE D. PASQUINO, B.A., M.A.T.
Instructor of Mathematics, 1967
Emmanuel College, B.A., 1961; Brown University, M.A.T., 1967.

JOSEPH F. PEREZ, B.A., Ed.M., Ph.D.
Professor of Psychology, 1963
University of Connecticut, B.A., 1954; Boston University, Ed.M., 1956; University of Connecticut, Ph.D., 1959.

HELEN M. PETERS, A.B., M.A.
Associate Professor of Mathematics, 1968.
Regis College, A.B., 1940; Boston College, M.A., 1942.

JAMES W. PHILLIPS, B.A., M.S.
Instructor of Biology, 1967
Dickinson University, B.A., 1960; University of Pennsylvania, M.S., 1966.

CONSTANCE POLLACK, B.S., M.A.
Instructor of Audio-Visual-Aides, 1969
Russell Sage College, B.S., 1956; New York University, M.A., 1969.

EDWARD C. POWERS, B.A., M.A.
Assistant Professor of English, 1968
Holy Cross, B.A., 1953; Boston College, M.A., 1961.

GEORGE PSYCHAS, B.A., M.A.
Assistant Professor of Geography, 1970
Eastern Michigan University, B.A., 1959; M.A., 1962.

KENNETH RALPH, B.A., M.Ed.
Instructor of Men's Physical Education, 1969
Trenton State College, B.A., 1960; Pennsylvania State University, M.Ed., 1963.

ANDREW R. RAPOSA, B.S., M.A.T.
Assistant Professor of History, 1969
Boston University, B.S., 1959; Brown University, M.A.T., 1965.

AMELIA H. RIOU, B.S., M.S.
Instructor of Physical Education, 1965
Cortland, New York State Teachers College, B.S., 1958; Boston University, M.S., 1966.

I. HARVEY ROAZEN, B.S., Ph.D.
Associate Professor of Psychology, 1970
Tufts University, B.S., 1949; University of Minnesota, Ph.D., 1967.

BETTE B. ROBERTS, B.A., M.A.
Instructor of English, 1967
Miami University, B.A., 1963; Northwestern University, M.A., 1965.

WILLIAM J. ROBERTS, B.S., M.Ed., C.A.S.
Instructor of Mathematics, 1968
University of Massachusetts, B.S., 1964; University of Hartford, M.Ed., 1966; Wesleyan University, C.A.S., 1968.

MATTEO ROVETTO, B.A.
Instructor of Modern Foreign Languages, 1966
Utica College, B.A., 1958; Middlebury College, M.A., 1967.

ROBERT SAISI, B.A., M.Ed., Ed.D.
Professor of Secondary Education, 1969
University of Maine, B.A., 1952; M.Ed., 1956; Boston University, Ed.D., 1968.

FRANK A. SALVIDIO, B.S., M.A., M.A.
Instructor of English, 1967
Columbia University, B.S., 1956; American International College, M.A., 1958; University of Connecticut, M.A., 1963.

LEONARD J. SAVIGNANO, B.S.Ed., M.Ed., Ed.D.
President, 1961
Fitchburg State College, B.S.Ed., 1938; Boston University, M.Ed., 1953; Ed.D., 1956.

JOHN B. SBREGA, B.S., M.Ed.
Associate Professor of Mathematics, 1968
Massachusetts Institute of Technology, B.S., 1933; Boston University, M.Ed., 1941.

MURRAY SCHWARTZ, B.A., M.A.
Assistant Professor of Elementary Education, 1968
University of Southern California, B.A., 1949; M.A., 1951.

CECILIA C. SEYMOUR, B.S.Ed., M.Ed.
Dean of Women, 1956
Westfield State College, B.S.Ed., 1938; Springfield College, M.Ed., 1949.

CATHERINE B. SHANNON, B.A., M.A.
Assistant Professor of History, 1970
University of Toronto, B.A., 1960; National University of Ireland, M.A., 1963.

PHILIP C. SHEPARDSON, B.A., M.S.
Instructor of English, 1966
University of Massachusetts, B.A., 1957; University of Massachusetts, M.S., 1961.

EDMUND J. SKINSKI, B.A., M.S.
Assistant Professor of Special Education, 1968
Fairfield University, B.A., 1958; Central Connecticut State College, M.S., 1964.

EDWARD K. SPELMAN, A.B., M.A.
Assistant Professor of English, 1960
Centre College, A.B., 1928; Columbia University, M.A., 1947.

JOHN P. STADNICKI, B.S.Ed., M.Ed., M.S.G.S.
Assistant Professor of Mathematics, 1968
Westfield State College, B.S.Ed., 1961; Westfield State College, M.Ed., 1964; Syracuse University, M.S.G.S., 1965.

KENNETH J. TAYLOR, B.S.Ed., M.A.
Associate Professor of Biology, 1964
Bridgewater State College, B.S.Ed., 1951; Columbia University, M.A., 1955.

ELIZABETH S. TEALL, B.A., M.A., Ph.D.
Assistant Professor of History, 1969
Vassar College, B.A., 1944; Radcliffe College, M.A., 1946; Ph.D., 1959.

GERALD E. TETRAULT, B.A., M.A.
Instructor of Philosophy, 1967
Boston University, B.A., 1962; M.A., 1964.

EDWARD ARTHUR TOWNSEND, B.A., M.A., Ph.D.
Academic Dean, 1968
University of Alberta, B.A., 1943; University of Washington, M.A., 1946; Columbia University, Ph.D., 1950.

FREDERICK R. TWENTER, B.A., M.A., Ph.D.
Instructor of History, 1969
Fort Hays, Kansas State College, B.A., 1961; University of Connecticut, M.A., 1963; Ph.D., 1970.

JAMES J. UNDERWOOD, B.S.Ed., M.A.Ed.
Assistant Professor of Special Education, 1969
Fitchburg State College, B.S.Ed., 1958; Worcester State College, M.A.Ed., 1960.

CAROL L. VERMILLION, B.S.
Instructor of Women's Physical Education, 1967
Kent State College, B.S., 1962.

DAVID E. VINCENT, B.S.Ed., A.M.
Assistant Professor of Geography, 1968
Salem State College, B.S.Ed., 1959; Clark University, A.M., 1963.

CARMELA VIRGILIO, B.Ed., M.S.
Assistant Professor of Physical Education, 1968
Rhode Island College, B.Ed., 1956; Springfield College, M.S., 1961.

ALBERT G. WATSON, B.A., M.A.
Instructor of Mathematics, 1969
Holy Cross, B.A., 1966; Wayne State University, M.A., 1968.

BARBARA WELCH, B.A., M.A.
Assistant Professor of English, 1968
Newton College, B.A., 1958; Boston College, M.A., 1961.

EDWARD B. WELCH, B.A., M.A.
Director of Admissions, 1956
Williams College, B.A., 1931; M.A., 1934.

ARTHUR ZAVARELLA, B.S., M.S.
Instructor of Physical Science, 1967
Worcester Polytechnic Institute, B.S., 1930; Holy Cross, M.S., 1931.

THE ADMINISTRATIVE OFFICERS OF WESTFIELD STATE COLLEGE

LEONARD J. SAVIGNANO, B.S.Ed., Ed.D.
President, 1962
Fitchburg State College, B.S.Ed., 1938; Boston University, M.Ed., 1953; Boston University, Ed.D., 1956.
Secretary to the President — Mrs. Grace M. O'Rourke

MIECZYSLAW GODEK, B.S.Ed., M.S.
Director of Planning and Development, 1969
Fitchburg State College, B.S.Ed., 1938; Rennsselaer Polytechnic Institute, M.S., 1959.
Secretary to Mr. Godek — Mrs. Marilyn Dostal
Superintendent of Buildings and Grounds — Mr. Raymond Costella

ROBERT P. GREEN, B.P.E., M.Ed.
Director of Financial Aid, 1969
Purdue University, B.P.E., 1941; Westfield State College, M.Ed., 1964.
Secretary to Mr. Green — Mrs. Gladys Canterbury

NORMAN W. GRISE, B.S., Business Administration.
Assistant to the President, 1966
American International College, B.S. Business Administration, 1954.

CHARLES D. HAGAN, B.S., M.A.
Registrar, 1964
Arnold College, B.S., 1951; American International College, M.A., 1952.
Secretary to the Registrar — Mrs. Jane Stickel

NORMAN HIERSCHE, B.S., M.P.E.
Dean of Men, 1968
Springfield College, B.S., 1950; Springfield College, M.P.E., 1955.
Secretary to Dean Hiersche — Mrs. Irene M. Parda

WINSTON B. KECK, B.A., M.Ed., Ed.D.
Executive Vice-President, 1969
Bates College, B.A., 1938; Boston University, M.Ed., 1949; Boston University, Ed.D., 1961.
Secretary to Dr. Keck — Mrs. Patricia Connors

LORETTA M. McHUGH, B.S.Ed., M.Ed., Ed.D.
Director of Off-Campus Clinical Experience — Elementary, 1969
Bridgewater State College, B.S.Ed., 1934; Boston University, M.Ed., 1945; Boston University, Ed.D., 1959

Secretary to Professor McHugh — Mrs. Elizabeth Johnson

JAMES McKENNA, B.A., M.Ed.
Dean of Students, 1968
Boston College, B.A., 1940; Springfield College, M.Ed., 1956.

Secretary to Dean McKenna — Mrs. Marion Zomek

PATRICIA McMAHON, B.S.Ed., M.Ed.
Assistant Dean of Women, 1968
Westfield State College, B.S.Ed., 1961; Boston University, M.Ed., 1966.

GERALD PAIST, B.A., M.A.T., C.A.S.
Assistant Dean, 1968
Lafayette College, B.A., 1961; Harvard, M.A.T., 1962; Harvard, C.A.S., 1967.

Secretary to Mr. Paist — Mrs. Catherine Cerrone

ROBERT SAISI, B.A., M.Ed., Ed.D.
Director of Off-Campus Clinical Experience — Secondary, 1969
University of Maine, B.A., 1952; University of Maine, M.Ed., 1956; Boston University, Ed.D., 1968.

Secretary to Professor Saisi — Miss Rose E. Mochak

MRS. CECILIA C. SEYMOUR, B.S.Ed., M.Ed.
Dean of Women, 1956
Westfield State College, B.S.Ed., 1938; Springfield College, M.Ed., 1949.

Secretary to Dean Seymour — Mrs. Irene M. Parda

EDWARD ARTHUR TOWNSEND, B.A., M.A., Ph.D.
Academic Dean, 1968
University of Alberta, B.A., 1943; University of Washington, M.A., 1946; Columbia University, Ph.D., 1950.

Secretary to Dean Townsend — Mrs. Eula Shaw

EDWARD B. WELCH, B.A., M.A.
Director of Admissions, 1956
Williams College, B.A., 1931; Williams College, M.A., 1934.

Secretary to Mr. Welch — Mrs. Vera Howe

WILLIAM E. CREAN, B.S.Ed., M.Ed.
Assistant Director of Admissions, 1968
Westfield State College, B.S.Ed., 1950; American International College, M.Ed., 1954.

HARRY A. BECKER, B.A., M.A., Ph.D.
Dean, Graduate and Continuing Studies, 1970
University of Connecticut, B.A., 1934; Yale University, M.A., 1943; Ph.D., 1944.

Administrative Assistant — Mrs. Claire Case

CHAIRMEN OF MAJOR DEPARTMENTS

ART:	Arno Maris, M.F.A., Associate Professor
ELEMENTARY EDUCATION:	Loretta M. McHugh, Ed.D., Professor
ENGLISH:	Wallace L. Goldstein, Ph.D., Professor
GENERAL SCIENCE EDUCATION:	Edwin J. Haertl, Ph.D., Professor
	Albert J. Genua, Ph.D., Professor
GENERAL STUDIES:	John Nevins, Ph.D., Associate Professor
HISTORY:	Robert L. Brady, Ph.D., Professor
LAW ENFORCEMENT:	Edward Arthur Townsend, Ph.D., Dean
MATHEMATICS:	Alphonse Jackowski, M.S., Associate Professor
MODERN FOREIGN LANGUAGES:	Francesco A. Loiero, Ph.D., Professor
MUSIC:	Dennis K. Kiely, Ed.D., Professor
PSYCHOLOGY:	Joseph F. Perez, Ph.D., Professor
SECONDARY EDUCATION:	Robert Saisi, Ed.D., Professor
SOCIAL SCIENCE:	C. Wendell King, Ph.D., Professor

DEPARTMENT CHAIRMEN

The Chairman of each Department shares the responsibility for the Department with the Academic Dean and the President. Anything that concerns the Department is the responsibility of the Chairman. All recommendations and proposals from the Chairmen as individuals and as a Committee are to be forwarded through appropriate channels.

Chairmen assist in screening, selecting and recommending new members of the Faculty. They observe, periodically, the general professional deportment and classroom teaching of the Faculty. They evaluate and recommend Faculty for retention, tenure, promotion, merit raises, and dismissal. These recommendations

are forwarded to the Academic Dean.

The Department Chairmen propose course descriptions, course developments, and course sequences. They propose the curriculum.

The Department Chairmen propose course offerings for their departments and for the good of the college. Each Department Chairman assigns his Faculty to courses, sections of courses, and other Faculty responsibilities.

Each Department Chairman is the chief adviser to his majors. He assigns each student to a member of his department for regularly scheduled academic advisement. The Chairman approves all admissions to his major and each change of major. The Chairman whose Department is being left confirms the transfer. Similarly, the Chairman approves if a course is dropped or an evening or a summer course added at Westfield State or another college. Approved changes are to be forwarded to the Registrar in writing.

Chairmen are responsible for the submission of the mid-term and end-term marks to the Registrar *by the due date.*

Chairmen conduct department meetings and forward the minutes of such meetings to the Academic Dean.

Chairmen forward approved book lists to the Librarian, and the Bookstore.

In cooperation with the Administrative Assistant, Department Chairmen prepare the departmental budget for supplies, materials and equipment.

In cooperation with the Academic Dean they propose the names of faculty to represent their departments at professional meetings.

In cooperation with the Dean of Graduate Studies and Continuing Education, they help recruit faculty for the Program, propose course offerings and arrange the schedule and catalogue. The Major Department Chairmen are the Graduate Committee.

RESPONSIBILITIES

President. The President is the head of Westfield State College and is responsible for conducting college affairs in keeping with the policies and directives of the State College Board of Trustees. His is the *final local responsibility for the total college program.* All of the following assignments and responsibilities are under the direction and supervision of the President of the College.

The President's Cabinet. The President's Cabinet serves as an advisory group to the President. The members of this group, individually and collectively, assist in planning. The members of the Cabinet are the executive officers of the College. Ad hoc committees are formed from this group, at the discretion of the President.

ADMINISTRATIVE SERVICES

Athletic Departments	Mrs. Ruth Hickson
Bookstore Manager	Mrs. Anne Broga
Business Assistant to the President	Mr. William Grise
Bursar	Mr. Francis J. Doody
Storekeeper	Mr. Albert Midgley
Campus Police	Chief Thomas Connors
Dormitory Supervisors (Scanlon Hall)	Mrs. Pauline Gleaser
(Davis Hall)	Mrs. Rita D. Moran
(Dickinson Hall)	Mrs. Alberta C. Settle
Health Services	
Physician	Dr. George L. Ross
Nurses	Mrs. Leneta Jeger
	Mrs. Patricia Rix
	Mrs. Sabatina Sinclair
Mailroom and Duplicating Service	Mrs. Lynne Anne McDermott

II. Student Organizations

The student body is organized in a Student Association. The Student Government accepted the American Association of University Professors joint statement on rights and freedoms.

JOINT STATEMENT ON RIGHTS AND FREEDOMS OF STUDENTS (AAUP)

accepted by Student Government May 1968

PREAMBLE:

"Academic institutions exist for the transmission of knowledge, the pursuit of truth, the development of students, and the general well-being of society. Free inquiry and free expression are indispensable to the attainment of these goals. As members of the academic community, students should be encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth. Institutional procedures for achieving these purposes may vary from campus to campus, but the minimal standards of academic freedom of students outlined below are essential to any community of scholars.

Freedom to teach and freedom to learn are inseparable facets of academic freedom. The freedom to learn depends upon appropriate opportunities and conditions in the classroom, on the campus, and in the larger community. Students should exercise their freedom with responsibility.

The responsibility to secure and to respect general conditions conducive to the freedom to learn is shared by all members of the academic community. Each college and university has a duty to develop policies and procedures which provide and safeguard this freedom. Such policies and procedures should be developed at each institution within the framework of general standards and with the broadest possible participation of the members of the academic community. The purpose of this statement is to enumerate the essential provisions for student freedom to learn."

STUDENT MEMBERSHIP ON COMMITTEES

A Standing Committee of Student Government is the Activity Budget Fee Committee.

The Activity Budget Fee Committee receives and negotiates all budgetary requests and accepts and deliberates on all financial problems and requests placed before the Student Government pertaining to the uses and distribution of the Student Activity Fee. The final approval of all financial matters rests with the President.

The Student Life Committee promotes interaction on issues concerning students. It provides communication leading to definite answers on various student problems. The Dean of Students, two faculty members, two administrators and two students form the membership of this committee.

Students also participate in governance of the College through their service on the following committees:

Admissions
Arts Festival
Campus Beautification
Ceremonial Occasions
Co-curriculum
Urban Education
Curriculum
Discipline
Library Development
Scholarships, Funds and Grants
Social
Westfield Athletics Fund

THE BLUE KEY AWARD: To provide recognition for worthy and outstanding students. Student Government bestows the Blue Key Award. Each winner receives a traditional gold pin at the Awards Assembly held annually in the spring. His name is also inscribed permanently on a plaque which is displayed in the College trophy case. The person who nominates a candidate for blue key should submit a resume of qualifications to the Student Government Executive Board or the Executive Board of his class. The candidates are elected by the Student Government Executive Board and the Class Executive Boards.

There will be five awards given to each class. This award may be received only once during a student's college career. Requirements for election (based only on the current year), are as follows:

1. A minimum scholarship average of C.
2. Support and service to the school in extracurricular activities such as dances, athletic events, student-sponsored college affairs, and clubs.
3. Rating of the candidate with his peers.
4. Initiative, ambition, and attitude while participating in the activities of the College.

STUDENT PERSONNEL PROGRAM

The Student Personnel Program is designed to promote a student's achievement of his educational and professional goals, his orientation to college life, and his personal and social welfare. Members of the college teaching faculty serve as class and club advisers and share with the Dean of Men and the Dean of Women in the implementation of the co-curricular program.

A counseling program is carried on at various levels under the direction of the Dean of Students, with faculty, Heads of Departments, and Deans responsible for designated students. Individual and group counseling from the Psychology Department is available to students on a referral or voluntary basis.

A cumulative record for each student includes: a test profile; records of scholastic achievement; physical, educational, and vocational data; co-curricular activities; and honors received. At the close of the student's association with the college, either by graduation or withdrawal, the cumulative record becomes a part of the permanent record file.

RELIGIOUS CLUBS

There are three religious clubs at the college — the Newman Club, Christian Science College Organization, and the University Christian Movement. It is hoped that all students will be associated with a religious club during their college life. The meetings are held in the evening.

ORIENTATION

Orientation to the college for new students begins during the summer when they receive letters from student counselors.

The Freshman Days Program for all entering students is held in September during the week previous to the official opening of college. This period is devoted to registration, testing, conferences, class schedules and social activities. The program is planned to help new students make a pleasant and successful start at Westfield State College.

Orientation, under the direction of the Dean of Women and the Dean of Men, meets once a week for the first term. The Orientation Course is planned to assist the student in his personal and professional development. It considers the aims of a college education, the personal and professional skills and attitudes needed to promote success in college and the customs and traditions of Westfield State College.

HEALTH SERVICES

Health Services are under the supervision of the Dean of Students.

The infirmary is located in Scanlon Hall. Registered nurses provide health and emergency care. They maintain health records, arrange physical examinations and schedule the appointments for the college physician.

The college physician is on duty in the infirmary every day classes are in session from 8 a.m. to 11 a.m. He is "on call" for emergency care and conducts the physical examinations.

RESIDENCE HALLS

All unmarried non-commuting students live on campus in three dormitories, two for women and one for men. Any woman student who gets married while a dormitory student may remain in the dormitory for the remainder of the academic year. At the end of that academic year, she must live off campus.

All dormitories have recreation rooms, lounges, and study rooms.

Facilities for washing and drying clothes are available in each dormitory. A linen service is available to all dormitory students.

DINING FACILITIES

Food service in the Scanlon Hall Dining Room is reserved for dormitory students *only*.

Commuting students eat meals in the commuters' cafeteria in Bates Hall. The hours are as follows: 7 a.m. — 9 p.m., Monday through Thursday; 7 a.m. — 2 p.m., Friday; closed Saturday and Sunday.

STUDENT EMPLOYMENT

The Director of Financial Aid serves as placement officer for all student employment at Westfield State College. Students desiring on-campus employment complete applications available from the Director of Financial Aid. Off-campus employment opportunities are posted on an employment board. Students, especially Freshmen, are discouraged from working more than fifteen hours a week.

Babysitting employment is handled through the women's dormitories.

FINANCIAL AID

Students in need of financial aid are instructed to consult the Director of Financial Aid. The policy and criteria for the award and renewal of financial aid are as follows:

1. All students making satisfactory progress and having a definite financial need as determined by the Director of Financial Aid, are eligible for financial aid (utilizing the Parents' Confidential Statement of the College Scholarship Service).
2. Types and amounts of awards are determined largely by federal regulations and guidelines, as most of the funds come from this source.
3. The emphasis is maximum assistance to the most needy students; however, all needy students are considered and usually receive some assistance.
4. Upper-classmen obtain all necessary forms from the Director of Financial Aid. Entering Freshmen obtain the Parents' Confidential Statement from their High School Guidance Counselor and other necessary forms from the Director of Admissions.
5. Students re-apply each year and, if still eligible, receive awards commensurate with need and available funds. We cannot and do not promise a specific amount for each of the four years due to the uncertainty regarding the amount of federal funds and the lack of institutional scholarship money.
6. Parents' Confidential Statement forms must be completed and sent to the College Scholarship Service, Princeton, New Jersey. Financial Aid applications must be completed and sent to the Director of Financial Aid, Westfield State College, by March 1.

STUDENTS MUST RE-APPLY FOR FINANCIAL AID EACH YEAR.

There are four (4) basic Financial Aid Programs:

1. *COLLEGE WORK-STUDY*: College work-study students may work up to an average of 15 hours per week while classes are in session and up to an average of 40 hours per week during the summer and vacation periods.

2. *ECONOMIC OPPORTUNITY GRANTS*: This is an outright grant of money for eligible students. To qualify, a student must be in extreme financial need and be unable to attend College without this financial assistance.

3. *LOANS*

   NATIONAL DEFENSE STUDENT LOANS: These loans are based on student financial need and the amount of federal funds available. The loan is repaid at 3% simple interest starting nine months after graduation. Persons teaching after graduation may have 10% of the loan plus interest forgiven for each year of full-time teaching up to a maximum of 50%. The amount forgiven increases to 15% per year up to a maximum of 100% if a student becomes a full-time teacher in a public or non-profit school designated as a low income area school by the state, or if a student teaches children with handicaps, on a full-time basis.

   H.E.L.P. (GUARANTEED INSURED LOAN PLAN): This is available through your local bank at 7% simple interest. It is similar to NDSL except that all money must be repaid. Undergraduate students may borrow up to $1,000.00 for any one school year. Repayments are not required until the student terminates his education. If the student does not receive sufficient funds from other sources previously mentioned, H.E.L.P. is the next best alternative for financial assistance.

4. *SCHOLARSHIPS*: There are few scholarships from the College. Students with high academic standing and financial need, as indicated by the Parents' Confidential Statement, should contact the Director of Financial Aid for information on available scholarships. Many students attending Westfield State College are granted scholarships and receive financial aid from sources other than the College. These should be reported to the Director of Financial Aid as soon as received. Some of these are as follows:

1. The Westfield State College Grant Fund was established in 1962. Its main purpose is to help deserving students in their pursuit of higher education. Funds have been contributed by industries, professional people and those individuals interested in assisting Westfield State College students. Only sophomores, juniors, and seniors with a 2.0 average or better are eligible.

2. Each year Student Government awards two (two) one-hundred dollar scholarships for students from each of the three upper classes. Interested students may secure an application from the office of Financial Aid. Student Government has also set aside a sum of money which allows students to request a small loan for emergency purposes.

3. The Julia S. Noble Rockwood Scholarship Endowment Fund is a grant of $5000 left to the College by Julia Noble Rockwood, the interest from which is to be used to help students in need. Students applying are screened by the Scholarship Committee.

MASSACHUSETTS BOARD OF HIGHER EDUCATION SCHOLARSHIPS: Awards are based on scholarship and/or financial need. Applications for entering Freshmen are obtained in the Fall of the senior year from the High School Guidance Department. Applications for Westfield State College students are obtained in the Fall from the Director of Financial Aid for the following school year.

HORACE SMITH SCHOLARSHIPS: Applications may be obtained in the Spring from the Horace Smith Foundation located at the Springfield Institution for Savings. Scholarships consist of loans and grants to graduates of Hampden County High Schools. Loans are similar to NDSL with teacher cancellation features.

STUDENT ORGANIZATIONS AND HONOR SOCIETIES OF WESTFIELD STATE COLLEGE

A varied program of co-curricular activities gives students an opportunity to develop qualities of leadership and to engage in special interests and hobbies. The objectives, activities, and current officers of the various clubs and organizations are stated in the Student Handbook.

HONOR SOCIETIES

Alpha Psi Omega — Dramatic
Pi Psi East is the College chapter

Kappa Delta Pi — Education
Iota Iota is the College chapter

Lambda Iota Tau — English

Phi Alpha Theta — History
Kappa Omicron is the College chapter

STUDENT CLUBS

American Studies

Biology

Ceramics

Economics

Film Society

Footlighters

Gamma Sigma Sigma — Service
Alpha Phi is the College chapter

International Relations

Mathematics

MODERN FOREIGN LANGUAGE
French, Spanish, Italian, German

MUSICAL ORGANIZATIONS
Concert Band, Concert Choir, Girls' Glee Club, Madrigal Singers, Jazz Ensemble, Pep Band

Nuclear Weapons

Outing

Philosophy

Photography

Psychology

Radio

Ski

RELIGIOUS

Christian Science College Organization, Newman Club, University Christian Movement, Third World

STUDENT PUBLICATIONS

College Newspaper — The Owl

College Yearbook — Tekoa

Literary Club — The Hammer and Nail

Each college class is organized with faculty advisers and elected officers. There is a Commuters Council, a Dormitory Council for each dormitory and an Inter-Dorm Council.

ALUMNI ASSOCIATION

All graduates of Westfield State College, upon payment of dues, are members of the Alumni Association. The Association strives to establish and maintain contacts among graduates of the college. Homecoming is held annually.

INTERCOLLEGIATE ATHLETICS FOR MEN

Westfield State College is one of eighteen State Colleges throughout New England that belong to the New England State College Athletic Conference. There is varsity competition in the following sports: soccer, basketball, baseball, golf, tennis and cross-country. All male students in good academic standing are eligible to become members of any of these inter-collegiate teams. Awards are made in recognition of successful participation to worthy participants.

INTRAMURAL ATHLETIC COUNCIL

All male students are members of the Intramural Athletic Council. The program includes: touch football, basketball, volleyball, badminton, soccer, softball, bowling and tennis.

WOMEN'S RECREATION AND ATHLETIC ASSOCIATION

The W.R.A.A. offers intramural participation in Co-ed Badminton, Tennis, Co-ed Volleyball, Co-ed Bowling, Softball, Basketball and Gymnastics. Women's varsity sports include: Field Hockey, Tennis, Basketball, Volleyball, Gymnastics and Softball.

SOCIAL ACTIVITIES

Numerous opportunities are provided to develop desirable qualities of leadership as well as social skills and attitudes. Approved activities are sponsored by Student Government, clubs, classes, and staff. Some of the traditional social occasions are a get-together with new students, reception and get-acquainted party, reception for parents of entering students, Club Fair, dormitory dance, Halloween Hop, Quintet Queen Dance, Christmas Ball, Christmas Festival, dormitory caroling and Christmas party, Junior Class productions, Concerts, student recitals, Freshman Ball, Senior Tea for Faculty, Senior Week, Student Government dinner dance, Senior-Parents Day, and Senior Class Banquet. In addition, many informal gatherings are held throughout the year for the enjoyment of the student body.

CULTURAL PROGRAMS

The college, through student and outside support, presents varied programs of outstanding individuals and groups at periodic intervals during the academic year. Most of these programs are free to all students. It is expected that all students will avail themselves of these programs which serve to broaden and strengthen the students' cultural perceptiveness.

PLACEMENT SERVICES

The placement services for graduating students are supervised by the Elementary and Secondary Education Departments. In early January the first of several dates are set for senior interviews. Local communities are notified and interviews are arranged on campus for superintendents or their representatives who wish to meet with our prospective graduates concerning teaching positions.

THE BOOKSTORE

The Westfield State College Bookstore, Inc. plays a major role in supplying students, at the most reasonable cost possible, necessary textbooks and college supplies. In addition to educational material, its services include college mementos, gifts, cards, clothing and jewelry.

WISDOM AND MERIT AWARDS

All those seniors with an academic average of 2.50 or better are eligible to be selected by their peers for the Westfield State College Wisdom and Merit Awards.

The following steps will be used to assure adequate selection.

1. On March 1, nominations will be opened for any Senior with a 2.50 average or better, who has actively participated in forwarding both the college and his class. Nominations may be made by members of the Senior class, faculty, and administration in the form of a signed written letter of recommendation, listing the qualifications.

2. Nominations will be closed on March 15.

3. By March 30, all nominations will be screened by the Senior class executive board. A two-thirds majority will determine those candidates to be presented to the administration for its final approval.

4. The Registrar will imprint a statement of the award on the permanent record card.

   "Elected to Wisdom and Merit,
   Spring, 1970"

5. The class will provide each person with a suitable token to be determined by the class officers.

Instituted, Fall 1969 by the
Senior Class Executive Board

Scanlon Hall — 1956

III. Faculty Organizations

The faculty are organized in two chief ways: by departments; and by the Senate.

The Faculty are the first line of contact for implementing approved College policy. Members of the faculty assist in establishing policy through committee work. Organized Faculty opinion is best expressed through committee work. While it is understood that the final authority and responsibility for the administration of the College rests with the President, it is expected that the General Faculty will contribute recommendations on all problems of function and organization.

Faculty Committees: Each Faculty Committee functions as an arm of the administration and is directly responsible to the administration as indicated below:

The President names the personnel of each committee taking account of Faculty preference and the advice of the Cabinet.

The Chairman of each Standing Committee will be named for a two year term and may be re-appointed. The Chairman of each Ad Hoc committee will be elected at the first meeting of the committee and serve as long as the committee is extant.

The General Faculty Committee responsibilities will vary greatly with the charge from the President. Generally they are responsible for:

1. Initiating study leading to the development of policy.
2. Considering policy referred to it.
3. Recommending policy to the Cabinet for consideration.
4. Presenting reports for approval.
5. Assisting the administration in implementing all approved policy. Usually, the faculty members recommend to and respond through their Department Chairman.

THE FACULTY SENATE

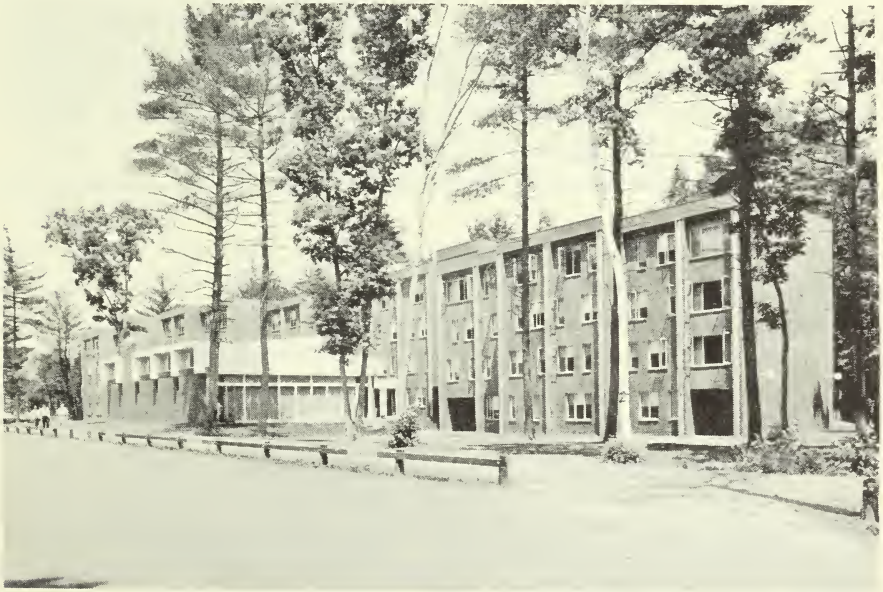
Acting under a 1966 resolution of the Board of Trustees, the Faculty Senate is the representative organization for the professional staff of Westfield State College. Its purpose is to provide a forum for the official expression of membership opinion and policy recommendations, and to involve the faculty in the governance of the College.

Membership is open to all faculty and professional administrators of the College. Meetings are scheduled three times a year. Senate policy decisions are made by the Senate's Executive Board, which consists of representatives from the academic departments, administration and library. The Board meets every two weeks.

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS

There is a small but active chapter of the American Association of University Professors on campus.

The Faculty Club is a social organization which takes an active interest in the welfare of its members.



Dickinson Hall — 1966

IV. College Policies and Regulations

Academic Year. The academic year is a minimum of 160 days beginning in September and extending to the following June. The academic year is also defined as one quarter of 120 semester hours.

ADMISSIONS CRITERIA

Admission to Westfield State College is selective. If the applicant meets formal entrance requirements, his capacity for successful undergraduate work is determined by examination of an official copy of three and a quarter years or more of his secondary school record, his rank in class, standardized test scores, College Board examinations, recommendations of character and health, and his record of extra curricular activities.

I. *GENERAL REQUIREMENTS*

A. Graduation from secondary school with 16 units or more of work or equivalent preparation.

B. Successful completition of the College Entrance Examination Board Scholastic Aptitude Test and three Achievement Tests. One Achievement Test must be in English Composition and one in the major field if possible. The results must come to us directly from the Educational Testing Service, Princeton, New Jersey.

C. An admission application submitted after the opening of the Senior year.

D. The secondary school record submitted according to the directions on the application.

E. Recommendation by an appropriate secondary school authority.

F. Rank in class on the high school record and on application.

G. Good health as evidenced by a physical examination report from the applicant's personal physician in the summer before entrance.

H. Personal interview at the college arranged by the college.

II. *ACCEPTANCE FOR THE BACHELOR OF ARTS DEGREE*

An applicant may be accepted for a Bachelor of Arts program after the first quarter or marking period of the Senior year if he has successfully taken the

College Board Scholastic Aptitude Test and three Achievement Tests and if his secondary school record contains the following among the 16 units:

English	4 units
Algebra, Geometry	2 units
American History	1 unit
Biology, Physics, Chemistry	1 unit
Foreign Language	2 units

Bachelor of Arts programs include majors in the following subjects:

Art, English, French, General Studies, History, Mathematics, Music, Psychology, Social Science, Spanish, and Secondary Education.

Applicants for the Music Major must arrange auditions.

Applicants for the Art Major must inquire about portfolio.

III. *ACCEPTANCE FOR BACHELOR OF SCIENCE IN EDUCATION DEGREE*

An applicant may be accepted for a Bachelor of Science in Education program after the first quarter or marking period of the Senior year if he has successfully taken the College Board Scholastic Aptitude Test and three Achievement Tests and if his secondary school record contains the following among the 16 units:

English	4 units
Mathematics	2 units
American History	1 unit
Science	1 unit

Equivalency diplomas are accepted for this degree.

Bachelor of Science in Education programs include majors in the following subjects: Elementary Education (Kindergarten through Third Grade), Elementary Education (Fourth Grade through Sixth Grade), Special Education, and General Science Education.

IV. *BACHELOR OF SCIENCE*

Candidates for the major in Law Enforcement must meet the entrance requirements of II, P. 52, except that members of law enforcement agencies need not take College Board examinations.

V. *ADDITIONAL INFORMATION*

A. Secondary school records must contain an average of C in all full courses. College preparatory courses and programs are considered in priority over non-college preparatory courses and programs.

B. The first acceptance date is on or near January 15. Applications may be submitted until April 1. Applications for financial aid should be submitted before March 15 and should include the Parents' Confidential Statement.

C. The College Board Advanced Placement program is recognized by Westfield State College. Applicants must have been in a properly constituted Advanced Placement course and must receive a mimimum grade of 3 in the appropriate College Board Advanced Placement Test.

VI. *TRANSFER*

A. Transfer applications will be considered from students of accredited institutions and those having degree granting privileges in the Commonwealth of Massachusetts.

B. Junior College and four-year college students will be accepted for transfer only if they receive a grade of C (2.0) or better in each subject they take at the institution or institutions from which they are transferring.

C. Transfer candidates must present thirty or more credits of transferable courses.

D. Students will be accepted for transfer to fill vacancies in keeping with the Faculty-student ratio established by the Department of Education.

E. Transfer students must present satisfactory secondary school records, medical reports, and recommendations. The recommendations must include one from a student personnel dean at the previously attended college.

F. Applicants for transfer must arrange with the Director of Admissions for an interview at Westfield State College.

G. Transfer students from any of the Massachusetts state colleges will be exempted from rule B. The state Colleges are those at Boston, Bridgewater, Fitchburg, Framingham, Lowell, North Adams, Salem, Worcester, Massachusetts College of Art, and the Massachusetts Maritime Academy.

H. Transfer students from the community colleges established by the Commonwealth will be exempted from rule B. but must have an average of 2.0 or better. D grades will not be accepted.

I. College credits more than ten years old will not be accepted in transfer.

Following these stated admissions criteria means that we recruit young men and women who have demonstrated scholastic ability and are likely to benefit from the breadth and depth of our program.

ACADEMIC ADVISEMENT

All candidates are advised by the chairman of their major department or by a professor designated by the chairman.

The faculty and administration are deeply concerned that each student should achieve the maximum benefit from his program of studies. During all screening, pre-registration, and registration, each student must have his program approved by his faculty advisor before he can proceed.

The maximum number of semester hours of credit for which a student may enroll in any semester is eighteen. At least twelve semester hours of credit must be taken to constitute a full program.

The Unit of Credit is the semester hour. The semester hour consists of the equivalent of one fifty minute lecture or recitation period, or two laboratory periods per week for sixteen weeks.

Transcript Credit. All one credit courses carry only Transcript credit. Transcript credit is not numerical credit toward a degree, a minor or a major, but Transcript credit may be assigned to a required course. Transcript credit is a record of satisfactory participation, that is, 1 credit, 30 hours of work, for the record, if participation is satisfactory. Transcript credit does not enter into quality point computation. However, Transcript credit may be a factor in the total load of the student.

Students must conform to the curriculum which they are pursuing, as it is set forth in the catalog at the time they entered the college and which applies to the class with which they will graduate.

A student may not attend any meeting of a class unless he has been properly registered for the course. A student must attend the class and section for which he is registered. He may not attend a class other than the one for which he is registered, except by permission of the instructor for the purpose of making up a class.

Personal Advisement — Counseling. Psychotherapeutic counseling is conducted on campus under the direction of the Chairman of the Psychology Department. Referrals are made by the faculty through department chairmen and the Deans. Self-referrals occur. All information exchanged by the parties involved is strictly confidential.

CO-CURRICULAR ELIGIBILITY

All students are entitled to eight (8) semesters, summers excluded, of co-curricular eligibility. If a student requires more than four (4) years (8 semesters) to be graduated from Westfield State College, he is no longer eligible to participate in co-curricular activities and varsity athletics for any semester in excess of eight (8).

Transfer students' co-curricular eligibility will be determined on the basis of their class status upon admission—Sophomore—six (6) semesters; Junior —four (4) semesters; Senior—two (2) semesters.

EXAMINATIONS

All financial obligations to Westfield State College must be clear before a student is allowed to take any final examination. All candidates in all subjects are to present themselves for all examinations at the time and place called by the instructor. There are no exceptions, if the candidate is to receive a maximum grade.

At the discretion of the instructors:

> Seniors maintaining a grade level of "A" are not required to take final examination.
>
> Juniors maintaining a grade level of "A" are not required to take the final examination.

"Make-Up" Examinations: If a candidate does not meet the examination requirements outlined above, the instructor may offer a "make-up" examination. Please note the college procedure for making up a final examination described in the following section. All candidates are to be informed that the "make-up" examinations are rarely the equivalent of the regularly scheduled examinations. Further, the marking procedures for "make-up" examinations are rarely comparable to those for the regular examinations. Please note: "make-up" examinations are to be taken within 4 weeks of the scheduled examination.

Absence From Final Examinations or the X Grade. A final examination is part of every course and must be completed by all registrants in the course, unless it is physically impossible to attend. When a candidate, for valid and approved reasons, misses the final examination and the candidate has met all the other requirements of the course, the grade X is assigned. X becomes F unless it is made up within 4 weeks of the scheduled examination date. It is the *candidate's responsibility* to contact the instructor and arrange to take a substitute examination for the missed final.

Incomplete Grades. The grade of incomplete (I) is to be assigned according to State Policy only if at least 80% of the course work has been completed at the time of discontinuance. Further, Westfield State College policy states that the grade of incomplete (I) is only to be assigned to the relatively few students per term who have valid, approved reasons for their failure to complete the course on time.

Incomplete (I) is not assigned to a potential failure.

Incomplete (I) is assigned to a potential B or C.

Potential A's never need this period of grace.

Further, the incomplete (I) privilege is only extended to those who fail to complete the work of the last two or three weeks of the term.

Incomplete (I) is not used to extend the time for mid-term work.

The grade of incomplete (I) is not to be assigned unless accompanied by a written statement indicating the specific reason and the plan for the work to be completed.

Please note: Incomplete (I) becomes failure unless satisfactorily completed during the 4 weeks following the last regularly scheduled class hour. *It is the student's responsibility.*

Attendance of Students:

At the discretion of the instructor, students may be allowed unlimited cuts.

Students not granted unlimited cuts and those on probation are expected to maintain prompt and regular attendance, particularly during those class hours close to weekends and holidays. Students who do not attend regularly and are habitually tardy may be assigned a Withdraw Failing from the college course. The instructor petitions Course and Standing for this Withdraw Failing.

This policy does not apply to student teachers or first-semester Freshmen.

All students are responsible for all requirements of all courses at all times, whether or not they are on extended cut privileges. Students who cannot or do not meet course requirements promptly, forfeit all cut privileges.

Faculty are to schedule all major examinations and papers at least one week in advance.

Quality Point System: The quality point system was instituted 9/64.

A = 4 B = 3 C = 2 D = 1 F = 0

Customarily an A grade reflects excellence.
B grade is above average
C grade is an acceptable average
D grade is a deficiency — a warning grade — minimally passing
F grade is failure

The quality point average is computed at the end of each semester. An illustration follows.

Assume a typical load of 15 semester hours of work, 5 three credit courses and assume that a student receives 1A, 1B, 2C's and 1D.

The A yields	3x4	=	12 quality points
The B yields	3x3	=	9 quality points
2C's yield	3x2x2	=	12 quality points
The D yields	3x1	=	3 quality points
Total			36 quality points

To obtain the Q.P.A. (quality point average) divide the number of points by the number of credits

36 points divided by 15 credits

$$\frac{36}{15} = 2.4$$

Grades of "F" can never be removed. A repeated or alternate course may be passed and recorded in the college records as: "Repeated or alternate course." Repeated or alternate courses may be taken at any time or at any college with the written approval of the academic adviser.

ACADEMIC STANDING

This statement approved. 4/10/68

All quality points are cumulative.

A student must maintain a ratio of 1.5 for all of the Freshman year.

A student must maintain a ratio of 1.75 for all of the Freshman and all of the Sophomore years combined.

A student must maintain a ratio of 2.0 for all of the Freshman, Sophomore and Junior years combined.

A student must maintain a ratio of 2.0 for all of the Freshman, Sophomore, Junior and Senior years combined.

Those below a cumulative 2.0 at the end of the Senior year are not eligible to graduate.

All students who fail to achieve the required cumulative quality point average at the end of each academic year must be dropped from the College. A student who is dropped because of failing grades *may* repeat the year at another institution and reapply to be admitted as per the procedure for re-admission when the failing year is satisfactorily made up. Those who are dropped because of failure are to contact their academic adviser and the Director of Admissions and meet all the requirements for re-admission. The academic adviser specifies the course requirements. The Director of Admissions specifies the conditions of admission.

ACADEMIC PROBATION

This statement approved 6/10/68. Effective 9/1/68.

It is recommended that a student be placed on probation at the end of the fall semester of each year on the basis of an unsatisfactory *cumulative average* for that class, i.e., for freshmen, 1.5; sophomores, 1.75; juniors, 2.0; seniors, 2.0. Probation implies that the student must show marked improvement if he is to remain in college.

It is further recommended that:

1. Probation be for the duration of the semester.
2. A student on probation be required to carry a full academic load as specified on his program.
3. A student on probation may not participate in any organized extra-curricular activities including intercollegiate athletics.

4. A student who drops to a 12 hour program (excluding practice teaching and eighth semester) is placed on probation. Permission to drop to a 12 hour program is granted only by Department Chairmen.
5, Each student on probation is required to work closely with his academic adviser.
6. The Registrar will notify the student, the student's parents, and all faculty chairmen involved when a student is placed on academic probation.

PERSONAL PROBATION

A student may be placed on personal probation by the Dean of Students, the Dean of Men, or the Dean of Women. The probation and the lifting of the probation will be reported to the faculty by special memoranda.

ACADEMIC ELIGIBILITY

All students on academic or personal probation have forfeited their academic eligibility. A student must be academically eligible in order to:

1. Hold office in any organization in which participation does not carry college credit.
2. Be a member of the Student Government or College publication staffs.
3. Participate in any activity in which he publicly represents Westfield State College except where such activity is field or laboratory work required in specific credit courses or religious clubs on campus.
4. Participate in any varsity team or intercollegiate athletic competition.

DISMISSAL

1. A student must be dropped from the college at the end of the first semester of the freshman year if he falls below 1.0.
2. If a student receives failing grades (F) in three or more courses, he will be subject to dismissal at the end of any semester.
3. A student may be required to withdraw after three non-consecutive probation-level semesters.
4. A student who falls below the required cumulative average to remain in college for any given year is subject to dismissal in June of that year.
5. A student who drops below a 12 hour program (except practice teaching and eighth semester) will be dismissed from the college.

WITHDRAWAL FROM A COURSE

W as "Withdrawn" may be awarded for the first two weeks of the semester, an unconditional withdrawal.

After the beginning of week three, the student will be awarded

WP as "withdraw passing"
or
WF as "withdraw failing"

To receive a WP, the student must present an adequate attendance record, i.e., absenteeism may not exceed the hours per week of the course *and* adequate marks (for quizzes, examinations and papers).

If W or WP reduce the student load to 12 hours, the student is placed on academic probation.

Science Building — 1971

PROCEDURE FOR RE-ADMISSION

This statement approved 8/10/69 — edited 12/11/69

When the Registrar has dropped a student from the College because of failure, the student can be returned to the College only through the usual channels of admission. Those dropped are to complete a program prescribed by the adviser and approved by the Director of Admissions at another acceptable institution and achieve an acceptable record. After such achievement they are to file the admission papers with the Director of Admissions and provide the Director of Admissions with such data and documents as he requires.

Procedure to Change a Major: A contemplated change in the designation of the major of any student is discussed with the appropriate Department Chairman. If after a thorough discussion and counseling, the student wishes to process the proposed change, he obtains the form from the Registrar. Next, the petitioner must obtain the signature of approval from his major adviser at the time, after which he does the same thing with the major adviser of the program he wishes to enter. The final step is to file the form with the Registrar and proceed to make out a new program.

Procedure to Change a Section: *Only the Registrar can make a change in section* and any section change will be determined by the Registrar. All such requests will be judged on their relative merit and the class size of the sections involved. The Registrar signs the section change card and forwards it to the faculty member involved. All section changes will be made during the first two weeks of classes.

Procedure to Drop a Course: The Registrar is the only person who gives permission to a student to drop a course. The student obtains the drop form from the Registrar. He arranges to have the drop approved by (1) his instructor, (2) the department chairman. The student returns the signed form to the Registrar, who notifies all parties concerned of the completed and recorded action.

Procedure to Change a Course: All course changes will originate with the Department Chairman in order to determine why the changes have been proposed and to counsel students regarding changes. If the student wishes to pursue the

procedure he collects the necessary form from the Registrar and goes to his department chairman. If he is to be admitted the chairman signs the form. The student takes the form back to the Registrar where it is filed and the change of course is complete. All changes must take place within one week after the start of classes.

Official notification of all course changes — changes away from and changes into, will come from the Registrar.
If a student wishes to add a course to his program, he follows the procedure outlined above for changing a course.

Procedure to Change a Grade: There are two circumstances under which a grade may be changed.

1. A clerical error was made.
2. It is deemed desirable for educational purposes.

When a grade is to be changed, the following procedure pertains:

A. Complete the Change of Grade form — obtained from the office of the Registrar.
B. Have the form verified by the Department Chairman.
C. Submit the completed form to the Committee on Course and Standing.

Student Demonstrations. The College believes that student members of the College community have the right to attempt to communicate ideas to their fellows by demonstration, including picketing, as long as the communication does not disrupt the environment from which the ideas flow. To protect and promote an environment within which there may be a spirit of free inquiry and free exchange of ideas, the following regulations must be observed.

1. That student members of the College community have a right to demonstrate outside College buildings so long as they neither block free entry or exit from buildings, nor interfere with the free movement of any person on College grounds, nor interfere with the normal conduct of College affairs. Such demonstrations shall not be libelous, slanderous, obscene, adverse to standards set by the State College Board of Trustees or exceed the bounds of the written laws of the College.
   Persons who are not members of the College community do not have the right to demonstrate on college property.
   Persons who are not members of the College community will be treated as trespassers.

2. That demonstrating *inside* College buildings is prohibited,

3. That interference with demonstrating by other than duly constituted authority is prohibited.

4. That the penalty for violation of above rules may be reprimand, personal probation, suspension, expulsion from the College or such lesser sanctions as may be judged appropriate. The determination of guilt and penalty shall be by due process as set forth in College policies.

5. That procedures to be followed by duly constituted authorities in the event of the infraction of the rules governing demonstrations are as follows:

   A. An attempt will be made to persuade the demonstrators to desist from practices in violation of the rules.

   B. If the demonstrators fail to respond in accordance with the rules, they should be warned of the consequences and be given a reasonable period of time to desist.

   C. After expiration of the reasonable period of time, duly constituted College authorities may request names of those who are acting in violation of the rules for due process as noted in number four above.

   D. If persuasion and warning fail, the College police shall be employed to put an end to the infraction of the rules.

   E. If the College police are unable to cope successfully with the infractions, then the appropriate authorities shall request assistance from the State and/or local police.

GENERAL HONORS

Graduation. At graduation there shall be three grades of honors:

1. A degree summa cum laude shall be granted to those students whose average in all subjects is at least a 3.75.
2. A degree magna cum laude shall be granted to those students whose average in all subjects is at least 3.50.
3. A degree cum laude shall be granted to those students whose average in all subjects is at least 3.25.

DEAN'S LIST

In order to be cited on an honor roll known as the Dean's List, a student must have:

1. An average of "B" (3.0) or above during the semester.
2. No grades below "C" (2.0).
3. A program of at least 12 semester hours.

Readmission process for a student dropped from Westfield State College because of academic failure: Effective June 1970.

A student dropped from Westfield State College because of academic failure may apply for readmission after he has completed successfully, at an acceptable college (other than Westfield State College), enough courses in an approved program to raise his cumulative quality point average to the level required of the class the student desires to be assigned. The student must consult with the Director of Admissions for written approval of a scholastic program which will be acceptable for readmission.

The student's class level determination will be made by the Director of Admissions. This judgment will be based on the number of credits the student has achieved in the curriculum required for his degree.

A student has credit for all courses for which he did not receive a failing grade (F, 0).

Acceptable colleges are accredited colleges and/or community colleges of the Commonwealth of Massachusetts.

Students who are dropped more than once for academic failure may not be readmitted to Westfield State College.

Any courses completed without prior written approval of the Director of Admissions will not be credited toward readmission.

Normally, a student may not be readmitted until a year of time has lapsed.

Students who withdraw are usually subject to these readmission requirements, including the year of lapsed time.

V. College Programs

Westfield State College offers four degree programs:

Bachelor of Science in Education
Bachelor of Arts
Bachelor of Science
Master of Education

All undergraduate programs are based on 120 semester hours of credit—30 semester hours a year for four years. Some programs cannot be completed within the 120 credit minimum, notably Art and Music and *all programs exceed* the 120 credit minimum where transfers or failures are involved.

HONORS PROGRAMS

The Westfield State College honors program is a student-professor pursuit of excellence. It aims to provide the interested and qualified student an avenue for advancing in his major field as far as his ability and enthusiasm will allow. The program continues through junior and senior years. Sophomores having at least a 3.0 average in the major field and at least 2.0 grade in all other individual subjects may apply for admission. As early as possible in the second semester, Sophomores desirous of taking advantage of the honors program should confer with the major department chairman, or with the program director. The program is open to all Sophomores who qualify.

CERTIFICATION FOR TEACHING

All college programs except Psychology and Law Enforcement can lead to preparation for teaching and certification.

I. ADMISSION TO A PROGRAM IN TEACHER EDUCATION:

All candidates who wish to follow a sequence of courses in professional education leading to certification for teaching are to be formally admitted following their application and the approval of the Departments of Education. During the sophomore year all candidates who wish to pursue the professional sequence in teacher education leading to teacher certification must file application with the Director of Elementary Education or the

Director of Secondary Education for admission to Teacher Education. This is the first admission procedure after being admitted to the College and is followed by application for admission to the professional sequence and application for admission to student teaching.

II. PROFESSIONAL FIELD WORK

All candidates for teaching certificates are to complete supervised field experience associated with their course work. These experiences culminate in Student Teaching. Those preparing for certification in the elementary schools spend 16 weeks (one full semester), 5 full days a week for 12 college credits in supervised student teaching. Those preparing for certification in the secondary schools spend 8 weeks, 5 full days a week for 6 college credits in supervised student teaching.

III. CERTIFICATION

All graduates who satisfactorily complete college approved programs and are recommended are certified by the State Department of Education. The records of all potential graduates are forwarded to the State Department of Education and at the time of graduation the successful candidates also receive their certification.

IV. BACHELOR OF ARTS — MAJORS AND MINORS

Usually, a 24 credit concentration in a subject, selected and completed under advisement, is considered a major program.

Usually, an 18 credit concentration in a subject, selected and completed under advisement, is considered a minor program. All Bachelor of Arts programs at Westfield State College include a major and a minor, and those who prepare for teaching have a dual major, a major in their subject and a major in Secondary Education. The 18 credit minor will ordinarily include the upper level courses suggested for a major in that field. Inter-departmental minors may be arranged with the permission of the Department Chairmen. Students who elect to complete a minor in a Liberal Arts subject may, under advisement, include six credits of the work from the Core to reduce the minor requirements by six credits.
This six credits reduction leaves room for other electives and in no way reduces the total number of credits required.

BACHELOR OF SCIENCE IN EDUCATION DEGREE

K - 3 and 4 - 6

	Credits	*Credits*
Humanities		30
English Composition	6	
Art and/or Music Appreciation	6	
English or American Literature	3	
Children's Literature	3	
Speech	3	
Basic Art	3	
Basic Music	3	
Introduction to Philosophy	3	
Physical Education 8 units no credit		
Physical Education for Elementary School		3
Social Science		24
History of Western Civilization	6	
U. S. History and Government	3	
Principles of Geography	3	
Economics	3	
General Psychology	3	
Sociology	3	
Social Studies	3	
Science		9
Principles of Biology	6	
Physical Science for Elementary School	3	
Mathematics	6	9
Modern Math. for Elementary School	3	
Professional Preparation		36
Psychology of Learning	3	
Seminar — Introduction to Teaching	2	
Principles of Teaching	5	
Reading and Language Arts	5	
Philosophy of Education	3	
Tests and Measurements	3	
Child Psychology	3	
Student Teaching	12	

BACHELOR OF SCIENCE IN EDUCATION DEGREE
K - 3 and 4 - 6

Apart from different sections in methods, those who prepare for the Kindergarten must include Kindergarten Curriculum 00057 in their program. Also Piano 11121.

Total Credits 120

Freshman Year

English Composition 21211	6
History of West. Civ. 51511	6
Principles of Biology 61611	6
Mathematics 71711 or 71733	6
Art and/or Music (Appreciation)	6
Physical Education	0
Orientation	0
	30

Physical Education does not carry academic credit. All candidates are to complete 8 units of Physical Education, preferably during their first 6 semesters.

Sophomore Year

3rd Semester	*Credits*	*4th Semester*	*Credits*
English or Children's Literature 00058	3	Children's Literature 00058 or English	3
U. S. History 51522 or Principles of Geography	3	Principles of Geography or U. S. History 51522	3
Phys. Science for Elementary School	3	Psychology of Learning 41423	3
Economics 52571	3	Speech 21255	3
General Psychology	3	Basic Art or Music	3
	15		15
Seminar — Introduction to teaching (Optional)	1	Seminar — Introduction to teaching (Optional)	1

Junior Year

5th Semester	*Credits*	*6th Semester*	*Credits*
Principles of Teaching	5	Student Teaching	12
Reading and Language Arts + 1 lab. - optional	4		
Modern Math. for Elem.	3		
Basic Art or Music	3		
	15		12

Senior Year

7th Semester	*Credits*	*8th Semester*	*Credits*
Introduction to Phil. 54514	3	Phil. of Education 00056	3
Tests and Measurements	3	Sociology 56581	3
Social Studies or Phys. Ed.	3	Phys. Science or Phys. Ed.	3
Electives	6	Child Psychology 41421	3
		Elective	3
	15		15

Approved 12/3/69: L.McH., E.A.T./es — effective for 8/70

BACHELOR OF SCIENCE IN SPECIAL EDUCATION

I. B.S.E. — Common Core

	Credits
Humanities	
English	9
Speech	3
Art and Music	12
Philosophy	3
	27
Social Science	
History	9
Geography	3
Economics	3
Sociology	3
Psychology	9
	27
Mathematics and Science	
Mathematics	6
Science	6
	12
Total	66

8 units of Physical Education — no credit hours

		Credits	
II. Major — Special Education			25
Basic Education Core		13	
Reading and Language Arts Methods	4		
Test and Measurements	3		
Philosophy of Education	3		
Children's Literature	3		
Special Education Concentration		12	
Education of Exceptional Children	3		
Nature/Needs of Subnormal and Unadjusted	3		
Principles of Teaching the Mentally Retarded	3		
Workshop in Arts and Crafts	3		
III. *Student Teaching*		12	
Elementary Education	6		
Special Education	6		

IV. *Electives assigned under advisement*

BACHELOR OF SCIENCE IN EDUCATION DEGREE
K - 3, 4 - 6 and SPECIAL EDUCATION

Total Credits 122

Freshman Year

English Composition 21211	6
History of West. Civ. 51511	6
Principles of Biology 61611	6
Mathematics 71711 or 71733	6
Art and/or Music (Appreciation)	6
Physical Education	0
	30

Physical Education does not carry academic credit. All candidates are to complete 8 units of Physical Education, preferably during their first 6 semesters.

Sophomore Year

3rd Semester	*Credits*	*4th Semester*	*Credits*
English or American Lit.	3	Children's Literature 00058	3
U. S. History 51522	3	Nature and Needs of Subnormal and Unadjusted Children	3
Principles of Geography 53591	3	Psychology of Learning 41423	3
Education of Exceptional Children	3	Speech 21255	3
General Psychology 41421	3	Basic Art or Music	3
Seminar-Introduction to teaching (optional)	1	Seminar-Introduction to teaching (optional)	1
	16		16

Junior Year

5th Semester	*Credits*	*6th Semester*	*Credits*
Principles of Teaching the Mentally Retarded	5	Student Teaching Elementary Education	6
Reading and Language Arts and Lab. Period (optional)	4	Special Education	6
Methods/Materials in the Education of Mentally Retarded	3		
Basic Art or Music	3		
	15		12

Senior Year

7th Semester	*Credits*	*8th Semester*	*Credits*
Intro. to Phil. 54513	3	Philosophy of Ed. 00056	3
Tests and Measurements	3	Sociology 56581	3
Economics 52571	3	Social Studies or Phys. Ed.	3
Electives	9	Child Psychology 41421	3
		Electives	3
	18		15

Approved January 1970 L. McH., E.J.S., E.A.T.,/es. Effective Date 8/70

BACHELOR OF SCIENCE IN GENERAL SCIENCE EDUCATION

	Credits	*Credits*
Humanities		24
English	12	
Music and/or Art	6	
Speech	3	
Philosophy	3	
Social Science		24
History	12	
Psychology	3	
Sociology	3	
Geography	3	
Economics	3	
Science		24
Biology 8, Chemistry 8, Physics 8		
Mathematics		6
Physical Education - 8 units are required		0
Professional Courses		25
Psychology of Learning	3	
Adolescent Psychology	3	
Teaching and Learning	4	
Philosophy of Education or History of American Ed.	3	
Student Teaching	6	
Education Electives	6	
Electives		17

BACHELOR OF SCIENCE IN EDUCATION IN GENERAL SCIENCE EDUCATION

Total Credits 120

Freshman Year

First Semester	*Credits*	*Second Semester*	*Credits*
English Composition 21211	3	English Composition 21211	3
History of West. Civ. 51511	3	History of West. Civ. 51511	3
Biology 61633	4	Biology 61633	4
Mathematics 71711 or 71733	3	Mathematics 71711 or 71733	3
General Psychology 41421	3	Music or Art Appreciation	3
Physical Education	0	Physical Education	0
Orientation	0		
	16		16

Sophomore Year

Third Semester	*Credits*	*Fourth Semester*	*Credits*
English	3	English	3
U. S. History 51522	3	U. S. History 51522	3
Chemistry, Inorganic 62666	4	Chemistry, Inorganic 62666	4
Speech 21254	3	Prin. of Sociology 56581	3
Adolescent Psychology 41432	3	Prin. of Geography 53591	3
Physical Education	0	Physical Education	0
	16		16

Junior Year

Fifth Semester	*Credits*	*Sixth Semester*	*Credits*
General Physics 64688	4	General Physics 64688	4
Psychology of Learning 41423	3	Teaching and Learning 00070	4
Intro. to Phil. 51514	3	Music or Art	3
Electives	6	Economics 52571	3
	16		14

Senior Year

Seventh Semester	*Credits*	*Eighth Semester*	*Credits*
Student Teaching 00095 or 00096	6	Phil. of Education or History of American Ed.	3
2 Ed. courses	6	Electives	9
Elective (8 weeks)	2		
	14		12

Approved 12/3/69 E.J.H., A.G., E.A.T./es: Effective date 8/70

BACHELOR OF ARTS — ENGLISH

	Credits	*Credits*
		120
Humanities		54
English and Major Work in English	36	
Modern Foreign Language Inter. Level	6	
Art Appreciation	3	
Music Appreciation	3	
Philosohy	3	
Speech	3	
Social Science		18
History	9	
Economics, Geography, Political Science, Psychology, Sociology	9	
Mathematics		6
Science		8
Electives		34

BACHELOR OF ARTS — ENGLISH

Freshman Year

120 Credits

First Semester	*Credits*	*Second Semester*	*Credits*
English Composition 21211	3	English Composition 21211	3
History of West. Civ. 51511	3	History of West. Civ. 51511	3
Science	4	Science	4
Fund. Concepts of Math. 71711	3	Fund. Concepts of Math. 71711	3
Modern For. Language	3	Modern For. Language	3
Orientation	0	Physical Education	0
Physical Education	0		
	16		16

Sophomore Year

Third Semester	*Credits*	*Fourth Semester*	*Credits*
English Literature 21222	3	English Literature 21222	3
Social Science	6	U. S. History 51522	3
Speech 21254	3	Intro. to Phil. 51514	3
Modern For. Language	3	Modern For. Language	3
Physical Education	0	Elective	3
		Physical Education	0
	15		15

Junior Year

Fifth Semester	*Credits*	*Sixth Semester*	*Credits*
American Literature 21233	3	American Literature 21233	3
Shakespeare 21234	3	Social Science	3
Art or Music	3	Electives	6
Electives	6	English Elective	3
	15		15

Senior Year

Seventh Semester	*Credits*	*Eighth Semester*	*Credits*
Electives	7	Art or Music	3
English Electives*	6	Electives	6
		English Electives	6
	13		15

*At least three hours must be in a period course (Romantic, Victorian, Chaucer, Milton, etc.).

Students expecting to teach in the secondary schools should follow a recommended education sequence and add Structure of Modern English to their English Program.

Psychology of Learning	4th semester	Student Teaching	7th semester
Adolescent Psychology	5th semester	Philosophy of Education or Hist. of Am. Ed.	8th semester
Teaching and Learning	6th semester	Student Teaching	7th semester

Approved 12/18/69 W.L.G., E.A.T./es: Effective date 8/70

BACHELOR OF ARTS IN FINE ART

Four-year sequence of courses with hours required in general education, major concentration and electives:

	Credits	*Credits*
I. CORE		
A. Humanities	27	
B. Social Sciences	18	
C. Math and Science	14	
Total		59
II. MAJOR		
Art History	6	
Elements of Art	3	
Drawing	6	
Painting	12	
Ceramics	3	
Sculpture	3	
Printmaking	3	
Art electives	9	
Total		45
III. ELECTIVES	24	
(Six of these must be in Student Teaching of Art)		
Total		24
Complete Total		128

Approved 1/17/69
Approved Board of Trustees July 18, 1969 for implementation September 1970.

BACHELOR OF ARTS IN FINE ART

Total Credits 128

Freshman Year

	Credits		Credits
English Composition 21211	3	English Composition 21211	3
History of West. Civ. 51511	3	History of West. Civ. 51511	3
Mathematics	3	Mathematics	3
Science	4	Science	4
Art Appreciation 12151	3	Elements of Art 12152	3
Orientation	0	Physical Education	0
	16		16

Physical Education should be taken during the Freshman and Sophomore years, 8 units, no credit.

Sophomore Year

	Credits		Credits
Drawing I 12153	3	Drawing II 12154	3
Painting I 12175	3	Painting II 12176	3
*Adolescent Psychology 41432	3	Ceramics 12165	3
Modern For. Language Int. Level	3	Modern For. Language Int. Level	3
Social Science	3	Social Science	3
		*Psychology of Learning 41423	3
	15		18

Junior Year

	Credits		Credits
Social Science	3	Painting IV 12179	3
Painting III 12178	3	Sculpture I 12163	3
Art History	3	Speech	3
Intro. to Phil.	3	History U. S.	3
*Minor Subject	4	Method-Principle	4
Elective	3	Elective	3
	19		19

Senior Year

	Credits		Credits
8 week courses		Art History	3
**Teaching	6	Printmaking I 12159	3
*Minor subject	2	English	3
Elective	3	*Minor subject	2 or 3
		Elective	3
	11		15

Total Credits 128

*Professional Minor in Secondary Education minus student teaching 18 credits

**Professional Major in Secondary Education plus student teaching 24 credits

STUDIO COURSES

All students who take Studio Courses are required to add 2 hours of studio work for every studio hour of classroom instruction.

BACHELOR OF ARTS — FRENCH, SPANISH

	Credits	*Credits*
Humanities		68
English	9	
M.F.L. including Major Work	47	
Art and/or Music	6	
Philosophy	3	
Speech	3	
Social Science		18
History	9	
Economics, Geography, Political Science, Psychology, Sociology	9	
Mathematics		6
Science		8
Electives		20

Majors in Italian and German have been prepared and approved and will be introduced as part of the continuing development and enrichment of the curriculum.

BACHELOR OF ARTS — FRENCH, SPANISH

120 Credits

Freshman Year

English Composition	6 credits
History of West. Civ. 51511	6 credits
Modern For. Lang (Fr. or Span.)	6 credits
Art and/or Music Appreciation	6 credits
Mathematics	6 credits

Orientation is required in the Freshman year, first semester.

Physical Education should be taken during the Freshman and Sophomore years—8 units, no credit.

Sophomore Year

Third Semester	*Credits*	*Fourth Semester*	*Credits*
Biology or Phys. Sci.	3	Biology or Phys. Sci.	3
Speech 21255	3	English Literature	3
Social Science	3	Intro. to Phil. 51514	3
Modern For. Language	3	Modern For. Language	3
Elective	3	Social Science or Psych. of Learning	3
Physical Education	0	Physical Education	0
	15		15

Junior Year

Fifth Semester	*Credits*	*Sixth Semester*	*Credits*
M.F.L. (Adv. Comp. & Conv.)	4	M.F.L. (Adv. Comp. & Conv.)	4
M.F.L. (Period Lit.)	3	M.F.L. Elective	3
M.F.L. Elective	3	U. S. History 51522	3
Social Science	3	Electives	6
Elective	3		
	16		16

Senior Year

Seventh Semester	*Credits*	*Eighth Semester*	*Credits*
M.F.L. (Period Lit.)	3	M.F.L. (Period Lit.)	3
M.F.L. (Reading in French or Spanish)	3	M.F.L. (Reading in French or Spanish)	3
Electives	9	Electives	6
	15		12

All Modern Foreign Language Majors must complete at the end of the Junior Year 3 credits in *Comparative Literature* and 3 credits in *General Linguistics.*

Approved 12/3/69 F.A.L., E.A.T./es. Effective Date 8/70

BACHELOR OF ARTS IN GENERAL STUDIES

Resolved that all students entering Westfield State College as freshmen be admitted without being assigned to a major. Be it further resolved that all freshmen students are to apply for and be admitted to a major by the end of their freshman year. Those who do not achieve this status are to become General Studies Majors.

		Credits	*Credits*
			59
Core	Humanities	27	
	Social Science	18	
	Mathematics & Science	14	
Major	18 credits in each of three subjects		54
Electives			7
Total Credits			120

Approved Cabinet 2/12/69

Approved Board 10/69 Effective date Fall 1969

J.F.N., E.A.T.

Total Credits 120

Freshman Year

English Composition 21211	6 credits
History of West. Civ. 51511	6 credits
M.F.L. Intermediate Level	6 credits
Mathematics 71711 or 71733	6 credits
Science	8 credits
	32 credits

Orientation is required in the freshman year first semester
Physical Education should be taken during the freshman and sophomore years, 8 units no credit.

Sophomore Year

Third semester	*Credits*	*Fourth semester*	*Credits*
Intro. to Phil. 54514	3	English Literature 21222	3
Speech 21255	3	U. S. Hist. & Gov't. 51522	3
Music and/or Art Apprec.	3	Music and/or Art Apprec.	3
Social Science Core	6	Social Science Core	3
		Elective	3
	15		15

Junior Year

Fifth semester *Sixth semester*

Major Work and Electives 30 credits

Senior Year

Seventh semester *Eighth semester*

Major Work and Electives 28 credits

BACHELOR OF ARTS — HISTORY

	Credits	*Credits*
Humanities		27
English	9	
Modern Foreign Language (Intermediate Level)	6	
Art and/or Music	6	
Philosophy	3	
Speech	3	
Social Science		45
History and Major Work in History	36	
Economics, Geography, Political Science, Sociology, Psychology	9	
Mathematics		6
Science		8
Electives		34

BACHELOR OF ARTS — HISTORY

Total Credits 120

Freshman Year

First Semester	*Credits*	*Second Semester*	*Credits*
English Composition 21211	3	English Composition 21211	3
History of West. Civ. 51511	3	History of West. Civ. 51511	3
Mathematics	3	Mathematics	3
Modern For. Language	3	Modern For. Language	3
Speech 21254	3	Art or Music Appreciation	3
Physical Education	0	Physical Education	0
	15		15

Sophomore Year

Third Semester	*Credits*	*Fourth Semester*	*Credits*
U. S. History and Gov't 51522	3	Historiography 51571	3
Science	4	Science	4
Social Science	3	Social Science	3
Art or Music Appreciation	3	English Literature	3
Elective	3	Elective	3
Physical Education	0	Physical Education	0
	16		16

Junior Year

Fifth Semester	*Credits*	*Sixth Semester*	*Credits*
History electives	6	History electives	6
Social Science	3	Intro. to Phil. 51514	3
Electives	6	Electives	6- 7
	15		15-16

Senior Year

Seventh Semester	*Credits*	*Eighth Semester*	*Credits*
History electives	6	History electives	6
Electives	6- 9	Electives	9
	12-15		15

Recommended Education sequence:

Psychology of Learning	4th semester
Adolescent Psychology	5th semester
Teaching & Learning	6th semester
Student Teaching	7th semester
Philosophy or History of Education	8th semester

Education electives should be deferred until the senior year.

Approved 12/3/69 R.L.B., E.A.T./es: Effective Date 8/70

BACHELOR OF ARTS — MUSIC

General Education Core	*Credits*	*Music Major*	*Credits*
English, normally Eng. Comp.	6	Theory	3
M.F.L. Inter. level	6	Major Instr. or Voice	14
Science	8	Ensemble	7
U. S. History & Gov't	3	Counterpoint	6
General Psychology	3	Harmony	12
One year from Mathematics,		Conducting I	3
or Science or M.F.L., Lit.	6	Form and Analysis	3
Intro. to Phil. 51514	3	Recital Class	2
Humanities - one course from English Lit. or Theatre or Art	3		
Music History I & II	6		
Total	44		50

Elect Music Education or Music Theory or Music History

Music Education

Elementary Music Methods	3
Secondary Music Methods	3
Applied Music Tech. I and II	6
Conducting	3
Music Supr. & Curriculum	3
	18
Child or Adolescent Psychology	3
Phil. or Hist. of Ed.	3
Student Teach. and Seminar	6
	12

Music Theory		Music History	
Orchestration	3	Early Music	3
Composition I, II, III	9	Renaissance	3
Form and Analysis	3	Baroque	3
Conducting II	3	Classical and Romantic	3
		Intro. to Musicology	3
		Twentieth Century Music	3
	18		21
Electives		Electives	
Humanities	12	Humanities	9

BACHELOR OF ARTS — MUSIC

(Concentration in Music Education)

Total Credits 124-126

Freshman Year

First Semester	*Credits*	*Second Semester*	*Credits*
English Composition 21211	3	English Composition 21211	3
Modern For. Language	3	Modern For. Language	3
Science: Biology 61633 or Physics 61688 or Chem. 62666	4	Science: Biology 61633 or Physics 61688 or Chem. 62666	4
Basic Music Theory	3	Counterpoint I	3
Major Instrument or Voice	2	Major Instrument or Voice	2
Ensemble	1	Ensemble	1
Physical Education	0	Physical Education	0
Orientation	0		
	16		16

Sophomore Year

Third Semester	*Credits*	*Fourth semester*	*Credits*
U. S. History & Gov't. 51522	3	General Psychology	3
Mathematics, Science or M.F.L. Lit.	3-4	Mathematics, Science or M.F.L. Lit.	3-4
Music History	3	Music History	3
Harmony I	3	Harmony II	3
Major Instrument or Voice	2	Major Instrument or Voice	2
Ensemble	1	Ensemble	1
Physical Education	0	Physical Education	0
		Applied Music Techniques I	2
	15-16		17-18

Junior Year

Fifth semester	*Credits*	*Sixth semester*	*Credits*
Intro. to Phil. 51514	3	Philosophy of Ed.	3
Harmony III	3	Harmony IV	3
Psychology (Child or Adoles.)	3	Form and Analysis I	3
Elementary Music Methods	3	Conducting II	3
Conducting I	3	Applied Music Tech. II	2
Major Instrument or Voice	2	Major Instrument or Voice	2
Ensemble	1	Ensemble	1
	18		17

Senior Year

Seventh semester	*Credits*	*Eighth semester*	*Credits*
Social Science (Elect.)	3	Student Teaching & Seminar	6
Applied Music Tech. III	2	Music Supervision and Curriculum (eight weeks)	3
Counterpoint II	3		
Secondary Music Methods	3		
Major Instrument or Voice	2		
Recital Class	2		
Ensemble	1		
	16		9

D.K.K., E.A.T.,/es Effective date 8/70

BACHELOR OF ARTS — MUSIC

(Concentration in Music Theory)

Total Credits 124-126

Freshman Year

First semester	*Credits*	*Second Semester*	*Credits*
English Composition 21211	3	English Composition 21211	3
Modern For. Language	3	Modern For. Language	3
Science: Biology 61633, Physics 61688 or Chem. 62666	4	Science: Biology 61633, Physics 61688 or Chem. 62666	4
Basic Music Theory	3	Counterpoint I	3
Major Instrument or Voice	2	Major Instrument or Voice	2
Music Ensemble	1	Music Ensemble	1
Physical Education	0	Physical Education	0
Orientation	0		
	16		16

Sophomore Year

Third Semester	*Credits*	*Fourth Semester*	*Credits*
U. S. History and Gov't. 51522	3	General Psychology	3
Music History	3	Music History	3
Mathematics, Science or M.F.L. Lit.	3-4	Mathematics, Science or M.F.L. Lit.	3-4
Harmony I	3	Harmony II	3
Major Instrument or Voice	2	Major Instrument or Voice	2
Ensemble	1	Ensemble	1
Physical Education	0	Physical Education	0
	15-16		15-16

Junior Year

Fifth Semester	*Credits*	*Sixth Semester*	*Credits*
Intro. to Phil. 51514	3	Social Science (elect.)	3
Harmony III	3	Harmony IV	3
Counterpoint II	3	Form and Analysis I	3
Major Instrument or Voice	2	Major Instrument or Voice	2
Composition I	3	Composition II	3
Ensemble	1	Ensemble	1
	15		15

Senior Year

Seventh Semester	*Credits*	*Eighth Semester*	*Credits*
Humanities: Art, Music, Literature, Theater, Phil.	6	Humanities: Art, Music, Literature, Theater, Phil.	6
Conducting I	3	Conducting II	3
Orchestration	3	Composition III	3
Major Instrument or Voice	2	Form and Analysis II	3
Recital Class	2		
Ensemble	1		
	17		15

D.K.K., E.A.T.,/es Effective date 8/70

BACHELOR OF ARTS — MUSIC

(Concentration in Music History)

Total Credits 124-126

Freshman Year

First Semester	*Credits*	*Second Semester*	*Credits*
English Composition 21211	3	English Composition 21211	3
Modern For. Language	3	Modern For. Language	3
Science: Biology 61633, Physics 61688 or Chem. 62666	4	Science: Biology 61633, Physics 61688 or Chem. 62666	4
Basic Music Theory	3	Counterpoint I	3
Major Instrument or Voice	2	Major Instrument or Voice	2
Ensemble	1	Ensemble	1
Physical Education	0	Physical Education	0
Orientation	0		
	16		16

Sophomore Year

Third Semester	*Credits*	*Fourth Semester*	*Credits*
U. S. History & Gov't. 51522	3	General Psychology 41421	3
Mathematics, Science, or M.F.L. Lit.	3-4	Mathematics, Science, or M.F.L. Lit.	3-4
Music History	3	Music History	3
Harmony I	3	Harmony II	3
Major Instrument or Voice	2	Major Instrument or Voice	2
Ensemble	1	Ensemble	1
Physical Education	0	Physical Education	0
	15-16		15-16

Junior Year

Fifth Semester	*Credits*	*Sixth Semester*	*Credits*
Intro. to Phil. 51514	3	Social Science (elect.)	3
Music in the Middle Ages	5	Music in the Renaissance Period	3
Harmony III	3	Music in the Baroque Period	3
Counterpoint II	3	Harmony IV	3
Major Instrument or Voice	2	Form and Analysis I	3
Ensemble	1	Major Instrument or Voice	2
		Ensemble	1
	15		18

Senior Year

Seventh Semester	*Credits*	*Eighth Semester*	*Credits*
Humanities: Art. Music, Theatre, Lit., Philosophy, M.F.L.	6	Humanities: Art, Music, Theatre, Lit., Philosophy, M.F.L.	6
Music in the Classic and Romantic Period	3	Music in the Twentieth Century	3
Major Instrument or Voice	2	Introduction to Musicology	3
Recital Class	2	Form and Analysis II	3
Ensemble	1		
Conducting I	3		
	17		15

D.K.K., E.A.T.,/es Effective date 8/70

BACHELOR OF ARTS — MATHEMATICS

		Credits	*Credits*
Humanities			27
	English	9	
	M.F.L. Inter. Level	6	
	Art and/or Music	6	
	Philosophy	3	
	Speech	3	
Social Science			18
	History	9	
	Economics, Geography, Political Science, Psychology, Sociology	9	
Mathematics			30
Science			8
Electives			37

BACHELOR OF ARTS — MATHEMATICS

Total Credits 120

Freshman Year

English Composition 21211	6
History of West. Civ. 51511	6
Science (Biology 61633, Physics 61688, or Chemistry 6266)	8
Analytic Geometry 71723	3
Calculus I 71724	3
Modern For. Language (Intermediate Level)	6
	32

Orientation is required in the Freshman Year, first semester.
Physical Education should be taken during the Freshman and Sophomore years—8 units no credit.

Sophomore Year

Third Semester	*Credits*	*Fourth Semester*	*Credits*
Speech 21255	3	English	3
U. S. History 51522	3	Calculus III 71726	3
Calculus II 71725	3	Social Science Elective	3
Social Science Electives	6	Electives	6
	15		15

Junior Year

Fifth Semester	*Credits*	*Sixth Semester*	*Credits*
Modern Abstract Algebra I 71747	3	Modern Abstract Algebra 71748	3
Social Science Elective	3	Probability and Statistics 71746	3
Intro. to Phil. 51514	3	Art and/or Music Apprec.	3
Art and/or Music Apprec.	3	Electives	7
	12		16

Senior Year

Seventh Semester	*Credits*	*Eighth Semester*	*Credits*
Electives	10	Intro. Analysis 71727 or Differential Equations 71742	3
History of Math. 71751	3	Higher Geometry 71753	3
		Electives	8
	13		14

NOTE: Students planning an education major must meet the additional requirements of the Secondary Education department.

Approved 7/15/69 A. J., E.A.T./es: Effective Date 8/69

BACHELOR OF ARTS — PSYCHOLOGY

		Credits	*Credits*
Humanities			27
	English	9	
	M.F.L. (Inter. Level)	6	
	Art and/or Music	6	
	Philosophy	3	
	Speech	3	
Social Science			45
	History	9	
	Psychology (including major work)	30	
	Sociology	3	
	Economics	3	
Mathematics			6
Science			8
Electives			34

BACHELOR OF ARTS — PSYCHOLOGY

Total Credits 120

Freshman Year

English Composition 21211	6 credits
History of West. Civ. 51511	6 credits
M.F.L. Int. Level	6 credits
Mathematics 71711 or 71733	6 credits
Science	8 credits

Orientation is required in the Freshman year, first semester.

Physical Education should be taken during the Freshman and Sophomore years—8 units, no credit.

Sophomore Year

Third Semester	*Credits*	*Fourth Semester*	*Credits*
English	3	English	3
Elective	3	U. S. Hist. & Gov't. 51522	3
Sociology 56581	3	Philosophy 51514	3
M.F.L. or elective	3	M.F.L. or elective	3
Psychology 41421	3	Speech 21254	3
Physical Education	0	Physical Education	0
	15		15

Junior Year

Fifth Semester	*Credits*	*Sixth Semester*	*Credits*
Child Psychology 41431 or Adolescent Psychology 41432	3	Theories of Learning 41437	3
Statistics for Psychologists 41442	3	Psych. of Personality 41435	3
Experimental Design 41444	3	Experimental Design 41444	3
Minor Subject	6	Economics 52571	3
		Minor Subject	3
	15		15

Senior Year

Seventh Semester	*Credits*	*Eighth Semester*	*Credits*
Abnormal Psychology 41438	3	Social Psychology 41434	3
Physiological Psychology 41445	3	Electives to a total of	7
Minor Subject	6	Music and/or Art	3
Music and/or Art	3		
	15		13

NOTE: The work in Education offered in this program does not lead to preparation for teaching.

Approved 12/3/69 J.F.P., E.A.T./es: Effective Date 8/70

BACHELOR OF ARTS IN SOCIAL SCIENCE

(Approved Cabinet 1/17/69)
(Approved Board of Trustees June 1969)

The four-year sequence of courses
Bachelor of Arts in Social Science

I. Core — Common to all Bachelor of Arts Programs

	Credits	*Credits*
1. Humanities	27	
2. Social Science	18	
3. Mathematics and Science	14	
		59

II. Major

1. Six hours beyond the 3 hours introduction in each of 3 of the following subjects:		
Economics, Geography, History, Political Science, Psychology, Sociology	18	
2. An additional 6 hours in one of the above subjects.	6	
3. Senior Seminar 575 II	6	
		30

III. Electives 31

BACHELOR OF ARTS — SOCIAL SCIENCE

Total Credits 120

Freshman Year

First Semester		*Second Semester*	
Courses	*Credits*	*Courses*	*Credits*
English Composition 21211	3	English Composition 21211	3
Mathematics	3	Mathematics	3
Modern For. Language Inter. Level	3	Modern For. Language Inter. Level	3
History of West. Civ. 51511	3	History of West. Civ. 51511	3
Social Science Core	3	Social Science Core	3
Physical Education	0	Physical Education	0
Orientation	0		
	15		15

Sophomore Year

Third Semester		*Fourth Semester*	
Courses	*Credits*	*Courses*	*Credits*
Intro. to Phil. 54514	3	English	3
Speech 21255	3	U. S. History & Gov't. 51522	3
Music and/or Art	3	Music and/or Art	3
Science	4	Science	4
Social Science Core	3	Elective	3
Physical Education	0	Physical Education	0
	16		16

Junior Year

Fifth Semester		*Sixth Semester*	
Courses	*Credits*	*Courses*	*Credits*
Social Science Major work	9	Social Science Major work	9
Electives	6	Electives	6
	15		15

Senior Year

Seventh Semester		*Eighth Semester*	
Courses	*Credits*	*Courses*	*Credits*
Senior Seminar	3	Senior Seminar	3
Additional in one Social Science	6	Electives	12
Electives	6		
	15		15

Under the advisement, the distribution of this sequence of courses may be varied to meet individual needs.

CWK, E.A.T./es 7/24/69 Effective Date 8/69

BACHELOR OF SCIENCE

Baccalaureate Program for Law Enforcement Personnel

		Credits	*Credits*
CORE			
	Humanities*	18	
	Social Science	18	
	Math and/or Science	14	
			50
*Spanish recommended			
MAJOR			
	Law Enforcement	9	
	Political Science	9	
	Psychology	9	
	Sociology	9	
	Metropolitan Studies	6	
			42
MINOR CONCENTRATION			18
			110
ELECTIVES			10

Chairman — Director of Law Enforcement Programs
— also Director of Crime Research Center

BACHELOR OF SCIENCE — LAW ENFORCEMENT

First Semester	*Credits*
English Composition 21211	3
History of West. Civ. 51511	3
Modern For. Language 32111	3
Chemistry 62666	4
Mathematics	3
Orientation	0
	16

Second Semester	*Credits*
English Composition 21211	3
History of West. Civ. 51511	3
Modern For. Language 32111	3
Chemistry 62666	4
Mathematics	3
	16

Third Semester	*Credits*
English Literature 21222	3
U. S. History and Gov't. 51511	3
Intro. to Phil. 51514	3
Social Science	3
Urban Geography	3
	15

Fourth Semester	*Credits*
Intro. to Law Enforcement	3
Criminalistics	3
Social Science	3
Electives	6
	15

Fifth Semester	*Credits*
Constitutional Law	3
Social Science	3
*Psychology 41421	3
Electives	6
	15

Sixth Semester	*Credits*
Criminal Law	3
*Adolescent Psychology	3
*Abnormal Psychology	3
Electives	6
	15

Seventh Semester	*Credits*
Recent Supreme Court Decisions	3
Metropolitan Studies	3
*Sociology 56581	3
Electives	6
	15

Eighth Semester	*Credits*
Metropolitan Studies	3
*Criminology and Penology	3
*Juvenile Delinquency	3
Electives	6
	15

*The Psychology sequence and the Sociology sequence are interchangeable. Sociology may be 5 and 6 or 7 and 8. Psychology may be 5 and 6 or 7 and 8.
E.A.T.,/es — 8/69 Effective Date 8/69

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION
— MEN AND WOMEN —

Approved 6/18/69 Board Approval February 1969

		Credits	*Credits*
Humanities			15
	English Composition	6	
	Speech	3	
	Art or Music	3	
	Philosophy	3	
Social Science			12
	History of West. Civ.	6	
	Psychology	3	
	Sociology	3	
Science			19
	Biology	6	
	Anatomy and Physiology	4	
	Kinesiology	3	
	Physiology of Exercise	3	
	Survey of Phys. Science	3	
Physical Education			35
	Physical Education	32	
	Health	3	
Education			24
Electives			15

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION
— MEN AND WOMEN —

Total Credits 120

For planning purposes Majors in Physical Education for Men and Majors in Physical Education for Women, were approved by the *Board,* February 1969. The projected program to meet this approval follows. (Approved Cabinet 6/18/69) Effective Date 8/72

Freshman Year

First Semester	*Credits*	*Second Semester*	*Credits*
English Composition 21211	3	English Composition 21211	3
History of West. Civ. 51511	3	History of West. Civ. 51511	3
Biology	3	Biology	3
Survey of Physical Science	3	Foundations of Health	3
Physical Education Skills 1, 2	2	Physical Education Skills 3, 4	2
Intro. to Physical Education	1		
Orientation	0		
	15		14

Camp Leadership and Outdoor Education I 3
(3 week resident camp)

Sophomore Year

Third Semester	*Credits*	*Fourth Semester*	*Credits*
Speech	3	Philosophy	3
Art or Music	3	Kinesiology	3
Anatomy and Physiology	4	History and Principles of P.E.	2
General Psychology	3	Child or Adoles. Psychology	3
Physical Education Skills	1	Analysis and Teaching of Physical Action 1, 2	2
		Elective	3
	14		16

Camp Leadership and Outdoor Education II 3
(3 week resident camp)

Junior Year

Fifth Semester	*Credits*	*Sixth Semester*	*Credits*
Psychology of Learning	3	Physiology of Exercise	3
Philosophy of Education or Historical Foundation of Education	3	Measurement and Evaluation in Physical Education	3
Sociology	3	Organization and Administration of Physical Education	3
Physical Education in the Elementary School	3	Physical Education in the Secondary School	3
Analysis and Teaching of Physical Activity 3	1	Student Teaching	3
Elective	3		
	16		15

Senior Year

Seventh Semester	*Credits*	*Eighth Semester*	*Credits*
Student Teaching (8 weeks)	6	Advanced Teaching and Analysis of Physical Activity	3
Corrective and Adaptive Physical Education	2	Electives	9
Care and Prevention of Athletic Injuries	2		
Seminar in Physical Education	2		
	12		12

VI. College Programs — Graduate and Continuing Studies

The Graduate Studies and Continuing Education Program of Westfield State College offers graduate and undergraduate level courses fulfilling three major objectives: (1) courses for individuals wishing to enrich their background through part-time study; (2) courses which may fulfill teachers certification requirements; and (3) courses leading to a degree.

Acceptance of a student in courses offered by the Graduate Studies and Continuing Education Program does not imply matriculation in a degree program. Students must formally apply and be accepted into a degree program. Regulations governing graduate and undergraduate degree programs are available from this office. The student has the responsibility to keep advised of regulations regarding degree programs.

The Office of the Graduate Studies and Continuing Education Program is located on the second floor of Bates Hall in room 219. Office hours are Monday through Friday from 9:00 A.M. to 5:00 P.M. and Monday through Thursday from 6:30 P.M. to 9:00 P.M. during the weeks that classes are in session. Telephone numbers are 568-3311 and 568-1360.

Classes

All classes meet as scheduled. The College reserves the right to discontinue any course for which there are fewer than twenty (20) enrollees, to combine classes, to section and provide additional instructors, to restrict registration in a course, establish prerequisites for selected courses, and to change instructors.

Attendance

Students should make every effort to attend all scheduled classes, and attempt to make up any work missed through absence. An instructor may require extra work from any student who misses more than one class meeting. Excessive absence may result in the student failing the course.

Course Load

During the regular fall and spring semesters, full-time teachers may not have more than 6 semester hours of credit per semester credited toward a degree and full-time undergraduate students may not have more than 15 semester hours of credit per semester credited toward a degree.

During a six-week Summer Session, graduate students may not have more than 6 semester hours credited toward a degree and undergraduate students may not have more than 9 semester hours credited toward a degree.

It is strongly recommended students seek and follow the advice and guidance of the Director or Associate Director of Graduate and Continuing Studies in pursuing a planned program of study.

Registration

Registration will take place on the second floor of Bates Hall in Room 218. Registration must be in person during official registration periods.

Payment for tuition and fees must be made by check or money order at the time of registration. Checks should be made payable to: Westfield State College.

No student may attend any course without being registered in advance of the First Scheduled Class Meeting. No course changes will be allowed after the Second Scheduled Class meeting.

Tuition Schedule

(subject to change without advance notice)

Tuition Fee for both graduate and undergraduate students per semester hour:

Massachusetts Residents (legal or voting address)	$18.00
Non-resident	25.00
Audit	11.00

Fee Schedule

(subject to change without advance notice)

The following fees are not refundable:

A Registration Fee (required of all students)	$10.00
A Late Registration Fee (required of all students registering after the official registration period)	2.00
A Change of Registration Fee (required of all students for course changes after initial registration)	2.00
Library Development Fee	5.00
Graduation Fee (required of all students in the year the degree is conferred)	5.00

Laboratory fees are assessed when applicable

Withdrawal

All students (veterans and non-veterans) who wish to withdraw after officially registering for courses, must withdraw in writing to the Graduate Studies and Continuing Education Program Office. The student should indicate his full name and address, course number and title, instructor's name. Failure to comply with this withdrawal procedure will result in an "F" (Failure) grade which will be recorded on the transcript.

THE DATE AND TIME THE ABOVE LETTER OF WITHDRAWAL IS RECEIVED WILL BE THE OFFICIAL DATE AND TIME OF WITHDRAWAL. Telephone notices will not be accepted as notification of withdrawal.

Refunds

Refunds for withdrawal from a course or courses will be made according to the schedule published each semester.

Change of Registration Status

A student may change from credit to audit status up to, and including, the second scheduled class meeting. In such cases no refund will be made. After the second scheduled class meeting no changes will be permitted.

A student may change from audit to credit status up to, and including, the second scheduled class meeting. In such cases the student must pay full tuition. After the second scheduled class meeting no changes will be permitted.

A student may change from graduate to undergraduate credit, or undergraduate to graduate credit up to and including the second scheduled class meeting.

After the second scheduled class meeting, no changes will be permitted.

NOTE: A student must have a bachelor's degree to qualify for graduate credit.

Grading System

Approximately three weeks after the close of the term, all course grades will be mailed to the address listed by the student on his registration cards. Under no circumstances will grades be issued by telephone.

The system of letter grades used is as follows:

Graduate Students will be marked on the basis of A, B, C, F, W/P, and W/F.

Undergraduate Students will be marked on the basis of A, B, C, D, F, W/P, and W/F.

Note: (1) AUD denotes a student auditing a course.

(2) The "I" (incomplete) grade is assigned only when students arrange with instructors, before the close of the term, to complete assigned work and have a valid reason for failure to complete the course on time. All incomplete course work must be completed within four (4) weeks after the last scheduled class meeting, or a grade of "F" (Failure) will be recorded.

Transcripts

Requests for official transcripts must be in writing to the office of the Graduate Studies and Continuing Education Program. All requests must be initiated by students and after the first free transcript, be accompanied by a $1.00 check or money order made payable to Westfield State College.

Degree Candidates

Degrees earned in evening programs at Westfield State College are conferred during the months of June and August (dates to be announced). Applications for degrees earned in this manner must be filed in the Graduate and Continuing Studies Office by the March 1st preceding the June commencement and June 1st preceding the August degree conferment.

Comprehensive Examination Candidates

Comprehensive Examinations will be administered the last Saturday in April and July. Applications for these examinations must be filed in the Graduate and Continuing Studies Office by the March 1st preceding the April examination and June 1st preceding the July examination.

Teacher Certification

Programs leading to Teacher Certification are available. Such programs will be formulated on an individual basis according to specific student needs. Each student must complete necessary application forms prior to acceptance. Accepted candidates must follow a planned program and meet the standards established by the college.

Teacher Certification regulations differ in various states. It is the student's responsibility to be cognizant of and meet requirements established for Teacher Certification by the State. In the Commonwealth of Massachusetts, the DIVISION OF TEACHER CERTIFICATION of the MASSACHUSETTS DEPARTMENT OF EDUCATION is the official agency responsible for Teacher Certification. Applications for Certification must be made directly by the student to the State Certifying Agency.

NOTE: WESTFIELD STATE COLLEGE IS NOT THE TEACHER CERTIFYING AUTHORITY IN MASSACHUSETTS. ALL OFFICIAL INFORMATION PERTAINING TO TEACHER CERTIFICATION MUST BE OBTAINED FROM THE DIVISION OF TEACHER CERTIFICATION, MASSACHUSETTS DEPARTMENT OF EDUCATION, 182 TREMONT STREET, BOSTON, MASSACHUSETTS 02116.

(Tel. Area code 617 — 727-5726)

Motor Vehicle Regulations

ALL STUDENTS in the Graduate Studies and Continuing Education Program desiring to operate vehicles on campus, must register said vehicles and obtain a parking permit from the Campus Police. A parking permit fee of $1.00 is charged for each automobile registered. The Campus Police will register cars in Bates 218 during regularly scheduled registration periods.

Class Cancellation

All classes meet as scheduled. Additional classes may be scheduled when inclement weather or other emergencies cause cancellation of scheduled classes. Notice of cancellation of classes will be announced on radio stations: WSPR, WHYN, WWLP, WDEW, WTXL, WBEC, WSBS AND WTIC. PLEASE DO NOT CALL THE COLLEGE or GRADUATE AND CONTINUING STUDIES OFFICE.

Library

College identification cards, which allow Graduate Studies and Continuing Education Program students to use the library, will be issued after the receipt of your tuition.

The College Library will be open when classes are in session.

Grades will be withheld from students who have library charges against them at the close of a semester.

Veterans

Any resident of Massachusetts who has served in any branch of the armed services for at least ninety (90) days, ONE of which must have been served either between: SEPTEMBER 16, 1940 and DECEMBER 31, 1946, OR, BETWEEN JUNE 25, 1950 and JANUARY 31, 1955 and who has a discharge other than dishonorable, may enroll without tuition charge for instruction in any course here offered within the established limitation of 120 semester hours. To establish his eligibility, the veteran must present his discharge papers or a photostatic copy, or certificate of satisfactory service in the case of officers, together with proof of residence in advance of the opening date of class meeting. Veterans must pay the $10.00 registration fee, and when applicable, the late registration fee and change of course fee.

All veterans who come under the new G. I. Bill must pay their tuition to the college. These veterans are to be reimbursed by the Veterans' Administration. Note: If this is your first enrollment, you must contact your Veterans' Administration Office for information on reimbursement. If you have been enrolled in courses at Westfield State College, you will be re-enrolled by the Office of Graduate and Continuing Studies for the veterans' reimbursement.

Vietnam Veterans: Chapter 601 of the Acts of 1966 established a program of exemption from tuition for Vietnam Veterans who served in Vietnam and *Whose service in Vietnam was credited to the Commonwealth.*

Chapter 480 of the Acts of 1968 removed the restriction of service "in Vietnam" and authorizes the issuance of a certificate of exemption from tuition to any Vietnam Veteran, as defined in Section 7 of Chapter 4 of the General Laws, as most recently amended by Chapter 531 of the Acts of 1968, whose service was credited to the Commonwealth, and who is deemed qualified to attend a state institution of higher education in the Commonwealth.

This law became effective with the beginning of the academic year 1968-69. It is not retroactive. The agency of the Department of Education which processes the Certificates of Exemption referred to above is the Office of the Commissioner of Education, Department of Education, 182 Tremont Street, Boston, Massachusetts 02116.

NOTE: THIS CERTIFICATE MUST BE RENEWED ANNUALLY PRIOR TO THE START OF EACH ACADEMIC YEAR.

WESTFIELD STATE COLLEGE GRADUATE STUDIES

Requirements for Admission to Master of Education Program

The following criteria pertaining to undergraduate record and entrance examination were established for admission to the program leading to the Master of Education degree for students not matriculated prior to January 1, 1968 and students entering the program after that date.

PRELIMINARY ACCEPTANCE

The applicant must have achieved a minimum cumulative quality point average of 2.6 (on a four point scale) for his four year undergraduate program, or a grade point average of 3.0 for the last two years of his undergraduate program, *and* the applicant must achieve a total score of 900 or above on the verbal and quantitive abilities of the Graduate Record Aptitude test, OR, achieve a raw score of 40 or above on the Miller Analogy Test.

PROBATIONAL ACCEPTANCE

A. If the applicant achieved a minimum cumulative quality point average of 2.6 (on a four point scale) for his four year undergraduate program; OR a grade point average of 3.0 for the last two years of his undergraduate program, BUT receives a total scale score in the range of 800 - 900 on the verbal and quantitive abilities of the Graduate Record Aptitude Test, OR achieves a raw score on the Miller Analogy Test in the range of 30 to 40, he may be admitted to the Graduate Program on probation. The terms of probation being that a grade of B or A must be maintained in all courses during the entire program.

B. If the applicant achieves a total scale record of 900 or above on the verbal and quantitive abilities of the Graduate Record Aptitude Test, OR achieves a raw score of 40 or above on the Miller Analogy Test, BUT achieved a cumulative quality point average for his four year undergraduate record in the range of 2.2 to 2.6, he may be admitted to the Graduate Program on probation. The terms of probation being that a grade of B or A must be maintained in all courses during the entire program.

UNQUALIFIED FOR MATRICULATION

A. If the applicant achieves a scale score below 800 on the verbal and quantitive abilities of the Graduate Record Aptitude Test, OR a raw score below 30 on the Miller Analogy Test, he will not qualify for admission to the Graduate Program. An applicant who falls below this score will be given only one further opportunity to take the test. (The Miller Analogy Test has a six month waiting period before it can be retaken.)

B. If the applicant achieved a cumulative quality point average below 2.2 for his four year undergraduate record, he will not qualify for admission to the Graduate Program.

APPROVED BY GRADUATE COMMITTEE 12/7/67
APPROVED BY PRESIDENT'S CABINET 12/21/67

MASTER OF EDUCATION DEGREE REGULATIONS

The State College at Westfield offers programs leading to the Master of Education degree with concentration in the following fields: *Early Childhood Education, Special Education, Reading, Elementary School Administration, Secondary School Administration, Psychology, Guidance, and Secondary Education* (with a concentration in *English, History, Mathematics,* or *Modern Foreign Languages*).

Candidates for the Master's Degree are required to follow the regulations governing the degree program that was in effect at the time of their matriculation. Copies of all regulations are available at the Graduate Office. The college reserves the right to modify its regulations to conform to current graduate school practices. The student has the responsibility to keep advised of regulations regarding the program.

All students who have not matriculated formally prior to January 1, 1968, or enter the program after that date, must complete the required work as outlined in this catalog. Students who have completed not more than twelve (12) semester hours of graduate work at Westfield State College by January 1, 1968 must meet these requirements.

I. REQUIREMENTS FOR ADMISSION

(The Candidate Must Fulfill The Following Requirements)

1. Hold a bachelor's degree from an accredited institution.
2. File a formal application for admission, supported by transcripts for all prior college study, (in advance of registration).
3. Provide references relating to professional qualifications.
4. Submit aptitude test scores of Graduate Record Examination *or* Miller Analogy Test.
5. Have credentials evaluated by the Graduate Committee.
6. Have an interview with the Dean of Graduate Study and/or a designated advisor.

II. COURSE REQUIREMENTS

A. CORE REQUIREMENTS

Core requirements may be changed by the Graduate Office and the Academic adviser.

1. Research and Evaluation — 3 credits
   Must be taken during the first semester of graduate studies, unless waived by the Director.
2. Philosophical Foundations of Education — 3 credits
3. Psychological Foundations of Education — 3 credits

B. FIELD OF CONCENTRATION

Each student must follow a planned program in a field of concentration. A minimum of 15 to 18 semester hours is required. This program must be appraised in advance by the Dean and/or an appropriate faculty advisor. Study plans for different areas of concentration have been developed by the appropriate departments and may be secured in written form at the Graduate Studies office.

C. ELECTIVE COURSES

These may be chosen at the discretion of the advisor in keeping with the student's professional objective and courses previously taken.

III. GENERAL REGULATIONS

1. An application for admission to the Graduate Program is not complete until all steps enumerated under "REQUIREMENTS FOR ADMISSION" have been met.

   A. Application for admission should be made no later than the completion of six (6) graduate credits.

   B. Students are required to matriculate as degree or program candidates prior to the completion of nine (9) graduate credits.

   C. Formal acceptance as a matriculated degree candidate is a requirement for the Master of Education degree.

   D. No more than nine (9) semester hours credit taken at Westfield State College prior to acceptance may be credited towards the degree, Master of Education.

2. The quantitive requirements for the degree shall be 33 credits. The student must pass a comprehensive examination. This examination may be taken after completion of 27 graduate credits. This exam may be written and/or oral and will be in the area of concentration. A candidate who fails the examination shall be given only one further opportunity to take it.

3. Of the 33 credits required, 27 credits must be earned in graduate courses taken at Westfield State College. A minimum of 6 graduate credits may be presented for transfer from another accredited institution. These credits must be approved by the advisor and accepted in the student's planned program. Transfer credits must carry a grade of "B" or better. Official transcripts of these credits must be presented to the Graduate Studies Office prior to acceptance of credit.

4. Planned programs are required of all students, but will not be approved by the Dean and/or advisor until the student has applied for matriculation and is admitted as a matriculated degree candidate. An advisor for the candidate may be appointed after matriculation.

   A. Planned programs are designed to guide the student toward specific professional objectives. Each program includes:

      1. Prerequisites that may be prescribed by the department in the area of concentration.
      2. Required core subjects.
      3. Planned program of study in a field of concentration.
      4. Electives

   B. Information regarding these programs may be obtained at the Graduate Office.

   C. Planned programs must be approved by the Dean and/or advisor.

5. Graduate students will be marked on the basis of A, B, C, F, and W/F (withdraw failing), or W/P (withdraw passing). Graduate students who accumulate more than six semester hours of grades of C or below, must withdraw from the program. A minimum grade of B is required for all courses in the area of concentration. Not more than one C will be accepted at the completion of the first twelve (12) credits. Students who accumulate more than one C at the completion of the first twelve (12) credits must withdraw from the program. A minimum quality point average of 3.0 is required for graduation.

6. Any student who registers for a graduate course and withdraws after ¼ of the course will have the grade of W/F or W/P recorded on the transcript. When a student registers for a course and wishes to withdraw, he must notify the Graduate Office in writing. A student not completing a course and not officially withdrawn will automatically receive a failing grade (F).
7. All credit hours for the degree, including transferred credits, must be completed within a six (6) year period. No credit will be given for a course older than six (6) years at the time of graduation.
8. Successful student teaching under college supervision, or successful classroom teaching experience is required before the Master of Education degree is awarded.
9. No extension courses are accepted for credit towards the Master of Education degree.
10. Full-time teachers may not have more than six (6) credits per semester credited toward the graduate degree.
11. Six credits for the summer session is considered a normal work load.

For further information regarding registration and requirements for the degree, write to: THE DEAN, Graduate Studies and Continuing Education Program, Westfield State College, Westfield, Massachusetts 01085.

Davis Hall — 1966

STATE COLLEGE AT WESTFIELD

Continuing Education Program

BSE (K-3 and 4-6) REGULATIONS: — (Effective September 1, 1968)

The Continuing Studies Program of the State College at Westfield offers programs leading to the Bachelor of Science in Elementary Education Degree with concentrations in the areas of Grades K-3 and 4-6. The Bachelor of Science in Education Degree will be granted to qualified candidates who complete the required work.

Admission to courses at Westfield State College — Graduate and Continuing Studies — does not constitute acceptance in a degree program. Students must apply and be accepted into a degree program. Only students matriculated in a degree program may earn a degree at Westfield State College.

All students who have not been fully accepted into the Undergraduate Degree Program prior to September 1, 1968 or enter the program after this date, must complete all of the requirements. Students already matriculated in the degree program must meet only the General Course Requirements.

ADMISSION REQUIREMENTS:

Non-Transfer Students: (high school graduates who have not taken college work) must meet the requirements listed below:

1. Applicants must submit a suitable high school record or high school equivalency certificate. High school records must be sent directly from the issuing institution to the Continuing Studies Office, Westfield State College.

2. Applicants must be recommended by an appropriate administrative authority of the academic institution they last attended. Recommendations should be sent directly from the issuing institution to the Continuing Studies Office, Westfield State College.

3. Applicants must submit acceptable College Entrance Examination Board Scholastic Aptitude Tests. CEEB-SAT results should be sent directly from Princeton, New Jersey to the Continuing Studies Office. College Entrance Examination Board Scholastic Aptitude Tests may be waived for students who have a Grade of "B" (3.0) in all of their college courses at the time of their matriculation.

4. Applicants must arrange with the Associate Director for an interview at Westfield State College.

5. Applicants for admission to the B.S.E. Degree Progam may not matriculate formally prior to the completion of 12 semester hours credit. These credits are to include the following Westfield State College courses: English Composition I and II and Fundamental Concepts of Mathematics I and II.

Students enrolled in the Westfield State College Continuing Education Program on a full-time basis, i.e., taking 15 credits per semester, must matriculate within 60 days after the completion of their second semester of course work. Part-time students must matriculate before the completion of 30 credits. No more than 30 may be credited toward the B.S.E. Degree before matriculation.

Transfer Students: (high school graduates who have taken college work) must meet the requirements listed below:

1. Transfer applications will be considered from students of accredited institutions.
2. College credits more than ten (10) years old at the time of matriculation will not be accepted in transfer.
3. Transfer candidates must present 30 or more credits of transferable courses to become fully matriculated in a degree program.
4. Transfer students must present satisfactory secondary school records.
5. Applicants must be recommended by an appropriate administrative authority of the academic institution they last attended. Recommendations should be sent directly from the issuing institution to the Continuing Studies Office, Westfield State College.
6. Applicants for transfer must arrange with the Associate Director for an interview at Westfield State College.
7. Junior College and four-year college students may be fully accepted for transfer if their cumulative quality point average meets or exceeds the following criteria:

   1.50 upon completion of 30 credits

   1.75 upon completion of 60 credits

   2.00 upon completion of 90 credits and above

   Students who meet the above criteria will receive transfer credit only for grades of "C" (2.0) or better.

8. Probational acceptance for transfer may be granted by the Director or Associate Director in cases where a student's cumulative average is below the above criteria for full acceptance. In probational acceptance cases, *only* honor grades ("A" and "B") will receive transfer credit. A student who is admitted under probational acceptance procedures must apply in writing to the Director or Associate Director for full acceptance status at the conclusion of 60 credits toward a degree, (60 credits inclusive of transfer credit and Westfield State College Continuing Program credits). In order to be fully accepted at this time, a student must have a 1.75 cumulative average or better. Students with cumulative averages below 1.75 lose their probational acceptance status and will be dropped from the degree program.

9. Transfer students from the Community Colleges established by the Commonwealth of Massachusetts and any other Massachusetts State College will be exempted from Rule 7. The State Colleges are those at Boston, Bridgewater, Fitchburg, Framingham, Lowell, North Adams, Salem, Worcester, The Masachusetts College of Art and the Massachusetts Maritime Academy. "D" grades will not be accepted.

GENERAL REGULATIONS:

1. No more than 15 credits per semester may be credited toward degree requirements during the Fall and Spring Semesters. During a six-week Summer Session, no more than 9 credits will be credited toward a degree.

   Full-time teachers in-service are not allowed to carry more than 6 credits per semester without permission of their superintendent of schools.

2. All degree work must be completed within ten (10) years after matriculation unless interrupted by war work, service in the armed forces, Peace Corps, VISTA, or serious illness.

3. All quality points are cumulative. A student's quality point average is based upon *all prior college level work.* The student must maintain the following cumulative quality point ratios in their program:

   1.50 upon completion of 30 credits
   1.75 upon completion of 60 credits
   2.00 upon completion of 90 credits
   2.00 upon completion of their program

   All students who fail to achieve the cumulative quality point average required at the completion of the cumulative credits as stated above, will be dropped from the program. Those below a cumulative 2.0 at the completion of their program are not eligible to graduate.

4. All educational methods courses (professional sequence) must be taken within one and one-half (1½) calendar years prior to student teaching.

5. Students are required to follow a planned program of courses in meeting the degree requirements. Through conference with the Associate Director at the time of matriculation, a tentative program of study will be outlined for each student. Duplicate copies of this program will be made; one copy must be filed with the student's records and the second copy will be retained by the student. Any changes in the program must be approved by the Associate Director. Students are required to follow the regulations governing the degree program that was in effect at the time of their matriculation. The college reserves the right to modify its regulations to conform to certification and current undergraduate school practices. *The student has the responsibility to keep advised of regulations regarding the program.*

6. All candidates must meet the standards for admission to the professional sequence, specified by the Director of Elementary Education, prior to acceptance to the sequence.

BACHELOR OF SCIENCE IN EDUCATION
(Continuing Education)

COURSE REQUIREMENTS:

1. B.S.E. (K-3 and 4-6) requires the completion of 120 semester hours of approved college work. Students planning to teach in Kindergarten or Grade 1, must demonstrate a proficiency in piano before graduation.

2. *General Education*:

Required Courses	*Credits*	*Required Courses*	*Credits*
English Composition I & II	6	Psychology of Learning	3
Mathematics I & II	6	Speech	3
History of West. Civ. I & II	6	Tests and Measurements	2
Biology I & II	6	Child Psychology	3
Art and Music Appreciation	6	Economics	3
English Literature I & II	6	Newer Media in Education	2
U. S. History & Gov't. I & II	6	Intro. to Phil.	3
Physical Science I & II	6	Philosophy of Education	3
Geography Principles	3	Sociology	3
Geography—Anglo-America	3	Children's Literature	3
General Psychology	3	Kindergarten Curriculum*	3
		Total	88

*Kindergarten Curriculum is required only for students planning to teach Kindergarten.

3. *Professional Education*: 29 credits

4. Electives to a total of 120 credits

BACHELOR OF SCIENCE IN EDUCATION (VOCATIONAL)

GENERAL POLICIES PERTAINING TO PROGRAM

1. Courses listed under *VOCATIONAL EDUCATION* are offered by the Bureau of Vocational Education, Massachusetts Department of Education.

2. At least sixteen (16) credits in Vocational Education must be taken in residence at the State College at Westfield, exclusive of Principles and Practices in Vocational Education.

3. Courses listed under *GENERAL EDUCATION* are offered by the State College at Westfield. At least twenty-one (21) credits of these courses must be taken in residence at the State College at Westfield.

4. Courses taken outside the college for credit, must be approved in advance.

5. Candidates who request credit for exceptional trade and teaching experience and professional improvement must have had at least four years of satisfactory teaching experience in a State-Aided Day Vocational school and must have acquired a minimum of 90 credits toward the degree. The number of credits, not to exceed 18, must be recommended by the Director of the Bureau of Vocational Education, and approved by the Board of Control. An examination or a teaching demonstration may be required.

6. For further information regarding registration, evaluation of courses presented for credit, or requirements for the degree, write to the Director, Bureau of Vocational Education, Massachusetts Department of Education, 182 Tremont Street, Boston, Massachusetts or the Director of Graduate Studies and Continuing Education Program, Westfield State College, Westfield, Massachusetts. 01085

The State College at Westfield, in cooperation with the Bureau of Vocational Education, Massachusetts Department of Education, will grant the degree, Bachelor of Science in Education (Vocational), to qualified candidates who complete the required work.

All students who have not matriculated formally prior to September 1, 1967, or enter the program after this date must complete the required work. Students who have completed not more than 12 semester hours of college work in the program by September 1, 1967, must meet these requirements.

ADMISSION:

1. Candidate must have completed a high school course or have earned the certificate of Massachusetts high school equivalency.
2. Candidate must be person qualified to teach in State-Aided-Day-Vocational schools. This includes the successful completion of 260 clock hours in teacher training offered by the Bureau of Vocational Education, State Department of Education.
3. Candidates must file a formal application for matriculation prior to completion of twelve (12) credits of college work. Documents which substantiate items number 1 and 2 above, must be filed with the application.

GENERAL REGULATIONS:

1. All degree work must be completed within ten (10) years, unless interrupted by war work, service in the armed forces, or serious illness.
2. The student must maintain the following cumulative quality point ratios in their program:

   a. 1.50 upon completion of 30 credits
   b. 1.75 upon completion of 60 credits
   c. 2.00 upon completion of 90 credits
   d. 2.00 upon completion of their program

   Those below a cumulative 2.0 at the completion of their program are not eligible to graduate. All students who fail to achieve the cumulative quality point average required at the completion of the cumulative credits as stated above, will be dropped from the program.
3. Students are required to follow a planned program of courses in meeting the degree requirements. Through conferences with the Director a tentative program of study will be outlined for each student.

COURSE REQUIREMENTS — Vocational Education

1. *General* — 127 credits of approved college work.

2. *Vocational Education* 64 credits

A. REQUIRED COURSES:

1. Principles & Practices in Vocational Education (teacher training) as follows: 16 credits
   140 clock hours of teacher training I
   120 clock hours of teacher training II
   (this course is a prerequisite for all courses in the program)
2. Principles & Practices of Vocational Guidance 3 credits
3. Educational Psychology Applied to Vocational Education 3 credits
4. *Mathematics Survey 6 credits
5. *Science Applications in Vocational Education 6 credits
6. Occupational and Training Information 3 credits
7. Supervision and Administration of Vocational Education 3 credits

*These courses are prerequisites for mathematical and science courses.

B. ELECTIVES:

1. Labor Laws Relating to Vocational Education 3 credits
2. Art Color and Design 3 credits
3. Organization and Administration of Vocational Guidance 3 credits
4. Liberal Art Courses 6 credits
5. Leadership Training Courses (to be elected only with the approval of the Bureau of Vocational Education):
   a. Instructional Techniques for Supervisors 2 credits
   b. Techniques of Supervision 2 credits
   c. Conference Leadership 2 credits
   d. Work Simplification 2 credits

C. TRADE & TEACHING EXPERIENCE AND PROFESSIONAL IMPROVEMENT

(not more than 18 credits allowable)

BACHELOR OF ARTS (English & History) REGULATIONS

The Continuing Studies Program of Westfield State College offers programs leading to the Bachelor of Arts Degree in the areas of English and History. The Bachelor of Arts Degree will be granted to qualified candidates who complete the required work.

Admission to courses at Westfield State College—Graduate & Continuing Studies does not constitute acceptance in a degree program. Students must apply and be accepted into a degree program. Only students matriculated in a degree program may earn a degree at Westfield State College.

All students who have not been fully accepted into an Undergraduate Degree Program prior to January 1, 1970 or enter the program after this date, must complete all of the requirements. Students already matriculated in a degree program who wish to transfer to this program must meet only the General & Course Requirements.

ADMISSION REQUIREMENTS:

Non-Transfer Students (high school graduates who have not taken college work) must meet the requirements listed below:

1. Applicants must submit a suitable high school record, high school equivalency certificate, or General Educational Development test scores. Records must be sent directly from the issuing institution to the Continuing Studies Office, Westfield State College.

2. Applicants must be recommended by an appropriate administrative authority of the academic institution they last attended. Recommendations should be sent directly from the issuing institution to the Continuing Studies Office, Westfield State College.

3. Applicants must submit acceptable College Entrance Examination Board Scholastic Aptitude Tests and three Achievements Tests — one of which must be in English and another which must be in the academic area in which the degree is to be earned. CEEB Test results should be sent directly from Princeton, New Jersey, to the Continuing Studies Office. College Entrance Examination Board Scholastic Aptitude Tests may be waived for students who have a Grade of "B" (3.0) in all of their college courses at the time of their matriculation. College Entrance Examination Board Achievement Tests may be waived for students *only* by the recommendation of the Chairman of the major department in which the applicant seeks the Degree.

4. Applicants must arrange with the Associate Director, for an interview at Westfield State College.

5. Applicants for admission to the B.A. Degree Program may not matriculate formally prior to the completion of 12 credits. These credits are to include the following Westfield State College Courses:
English Composition I and II and Fundamental Concepts of Math I and II. Students enrolled in the Westfield State College Continuing Education Program on a full-time basis, i.e., taking 15 credits per semester, must matriculate within 60 days after the completition of their second semester of course work. Part-time students must matriculate before the completion of 30 credits. No more than 30 credits may be credited toward the B.A. Degree before matriculation.

Transfer Students: (high school graduates who have taken college work) must meet the requirements listed below:

1. Transfer applications will be considered from students of accredited institutions.
2. College credits more than ten (10) years old at the time of matriculation will not be accepted in transfer.
3. Transfer candidates must present 30 or more credits of transferable courses to become fully matriculated in a degree program.
4. Transfer students must present satisfactory secondary school records.
5. Applicants must be recommended by an appropriate administrative authority of the academic institution they last attended. Recommendations should be sent directly from the issuing college or institution to the Continuing Studies Office, Westfield State College.
6. Applicants for transfer must arrange with the Associate Director for an interview at Westfield State College.
7. Junior College and four-year college students may be fully accepted for transfer if their cumulative quality point average meets or exceeds the following criteria:

   1.50 upon completion of 30 credits
   1.75 upon completion of 60 credits
   2.00 upon completion of 90 credits and above

   Students who meet the above criteria will receive transfer credit only for grades of "C" (2.0) or better.
8. Probational acceptance for transfer may be granted by the Director or Associate Director in cases where a student's cumulative average is below the above criteria for full acceptance. In probational acceptance

cases, *only* honor grades ("A" and "B") will receive transfer credit. A student who is admitted under probational acceptance procedures must apply in writing to the Director or Associate Director for full acceptance status at the conclusion of 60 semester hours toward a degree. (60 semester hours inclusive of transfer credit and Westfield State College Continuing Education Program credits.) In order to be fully accepted at this time, a student must have a 1.75 cumulative average or better. Students with cumulative averages below 1:75 lose their probational acceptance status and will be dropped from the degree program.

9. Transfer students from the Community Colleges established by the Commonwealth of Massachusetts and any other Massachusetts State College will be exempted from Rule 7. The State Colleges are those at Boston, Bridgewater, Fitchburg, Framingham, Lowell, North Adams, Salem, Worcester, The Massachusetts College of Art, and the Massachusetts Maritime Academy. "D" grades will not be accepted.

GENERAL REGULATIONS:

1. No more than 15 credits per semester may be credited toward degree requirements during the Fall and Spring semesters. During a six-week Summer Session, no more than 9 credits will be credited toward a degree

2. All degree work must be completed within ten (10) years after matriculation unless interrupted by war, service in the armed forces, Peace Corps, VISTA, or serious illness.

3. All quality points are cumulative. A student's quality point average is based upon *all prior college level work.* The student must maintain the following cumulative quality point ratios in their program:

   1.50 upon completion of 30 credits
   1.75 upon completion of 60 credits
   2.00 upon completion of 90 credits
   2.00 upon completion of their program

   All students who fail to achieve the cumulative quality point average required at the completion of the cumulative semester hours as stated above, will be dropped from the program. Those below a cumulative 2.0 at the completion of their program are not eligible to graduate.

4. Students are required to follow a planned program of courses in meeting the degree requirements. Through conference with the Associate Director at the time of matriculation, a tentative program of study will be outlined for each student. Duplicate copies of this program will be made; one copy must be filed with the student's records and the second copy will be retained by the student. During the following semester a faculty advisor, representing the academic area in which a student is earning the Degree, will be appointed and the student's tentative program of study will be reviewed. Any change in the student's program must be approved by the Associate Director. Students are required to follow the regulation governing the degree program that was in effect at the time of their matriculation. The college reserves the right to modify its regulations to conform to certification and current undergraduate school practices. The student has the responsibility to keep advised of regulations regarding the program.

5. All candidates seeking to prepare for Secondary Education must meet the standards for admission to the professional sequence, specified by the Chairman of the Secondary Education Department.

VII. Departments and Courses

THE ART DEPARTMENT

Chairman Arno Maris, M.F.A. Associate Professor

All courses marked with the asterisk will be scheduled for 5 hours for 3 credits

12151 ART APPRECIATION 3 credits

This course introduces the student to the study of aesthetics and philosophy of art. It begins with a discussion of the fundamental ideas underlying all artistic activity and means of analyzing works of art. The major portion of the term is devoted to the investigation of significant styles and of outstanding creations of the art of each important period, from prehistoric times to the present. This investigation is done from the standpoint of purpose, form, content, techniques. Illustrated lectures are supplemented by assigned outside readings.

12152 ELEMENTS OF ART 3 credits*

This course will consist of an investigation of the basic elements of art; line, color, texture, form and space. These will be explained in theory as well as practice. The expressive possibilities of a variety of materials will be explored. In addition to working in drawing and painting media, there will be study and experimentation with three dimensional forms in space. Students will be given a familiarity with basic sculptural ideas in line, plane and modeling.

22153 OBSERVATION AND IMAGINATIVE DRAWING 3 credits*

Prerequisite: 12152

Study of form and space with special attention to spatial and proportional relationships.

12154 LIFE OR MODEL DRAWING 3 credits*

Prerequisite: 12152

Drawing with concern for skeletal and muscular structure, the play of light and shade on the human form, stylistic techniques.

12156 WATERCOLOR PAINTING I 3 credits*

Prerequisite: 12158

The various techniques of watercolor painting will be demonstrated. Studio work will consist of painting with a variety of methods.

12157 WATERCOLOR PAINTING II 3 credits*

Prerequisite: 12156

A continuation of Watercolor Painting I, with mixed media including gouache.

12158 THREE DIMENSIONAL DESIGN 3 credits*

Prerequisite: 12152

Definitions of space. Articulation of space and light. Mass, volume, plane, line, space and texture through modeling, constructing, carving and casting.

12159 PRINTMAKING 3 credits*

Prerequisite: 12153

Methods of printmaking. The course includes woodcuts, etching, lithography and serigraphy.

12161 LETTERING AND LAYOUT 3 credits*

In addition to designing creatively with lettering, there will be planning layouts for advertising arts. Designs will be made for signs, posters, greeting cards, car cards, program covers, book jackets, product labels and containers and books or publications. Type forms will be studied and used creatively in layouts. Other related areas include two and three dimensional displays and exhibits.

12162 WORKSHOP IN CRAFTS 3 credits*

An introduction to a number of crafts and an opportunity to pursue one or two crafts as chosen. Woodwork, weaving, ceramics, enameling, puppetry and leather work are offered.

12163 SCULPTURE 1 3 credits*

Prerequisite: 12158

This course provides an elementary consideration of sculputural form and composition through studies in clay and plaster. There is some work from the human figure. Techniques include armature construction, direct building in plaster, and casting into plaster and other materials.

12164 SCULPTURE II 3 credits*

Prerequisite: 12163

Continuation of Sculpture I.

12165 CERAMICS I 3 credits*

Prerequisite: 12152

An introduction to all phases of creative ceramics, ranging from hand-built pottery to slab sculpture and mosaics. Emphasis will be on creative exploration of the many decorative, functional and aesthetic aspects of ceramics.

12167 CERAMICS II 3 credits*

Prerequisite: 12165

A continuation of Ceramics I with emphasis on wheel-thrown pottery and the investigation of and experimentation with glazes.

12168 CLASSICAL ART 3 credits

The chief artistic accomplishments of ancient Greece and Rome. Extensive study into the realm of Greek architecture, classical sculpture, Roman building and portraiture as well as the minor arts.

12169 FLEMISH ART 3 credits

Study of Flemish and Dutch painting of the 14th through 17th century works of art, from Robert Campin to Peter Paul Rubens.

12171 RENAISSANCE ART 3 credits

A study of the major artistic achievements of the Italian Renaissance from Giotto to Michelangelo with special emphasis on painting and sculpture.

12172 HISTORY OF AMERICAN ART 3 credits

A study of the painting, architecture and practical arts in the United States from the period after colonial times to the present.

12173 HISTORY OF MODERN ART 3 credits

The study of art from the beginning of the revolution in painting by Jacques Louis David to contemporary art in painting and sculpture.

12174 CONTEMPORARY ARTISTS AND CONTEMPORARY ART 3 credits

Students will be introduced to the works and ideas of modern contemporary American artists since 1950 with reference to the influence of selected European modern artists. Museum trips are included.

12175 PAINTING I 3 credits*

Prerequisite: 12152

Introduction to oil painting with particular emphasis on gaining information about the material itself (color mixing, canvas preparation, preliminary drawing and general expressive potential of oil as a medium). Considerable study in picture organization, still life and figure composition.

12176 PAINTING II 3 credits*

Prerequisite: 12175

Painting in oil and related media with concentration on furthering individual expression through interpretation of still life, figure and landscape. Problems in space, form, and light are also studied.

12178 PAINTING III 3 credits*

Prerequisite: 12176

Introduction to varied techniques such as papier colle assemblage and watercolor with individual subject matter selection appropriate to each student.

12179 PAINTING IV 3 credits*

Prerequisite: 12178

Individual projects will be carried out under supervision and will result in an exhibit of selected works.

12181 PRACTICUM AND INTRODUCTION TO ART EDUCATION CURRICULUM 3 credits

A course in curriculum development at either the elementary or secondary level. It includes visits to area schools for the purpose of observations and art curriculum study.

12183 SEMINAR IN ART EDUCATION 3 credits*

The purpose of ths course is to give the art teacher or art supervisor an inter-related art background by co-relating art history, art appreciation, and art studio courses with art education.

12184 ART EDUCATION PHILOSOPHY 3 credits

An introduction to the history and philosophy of Art Education.

12186 METHODS AND MATERIALS (Secondary) 2 credits

A workshop in the use of art instructional materials, media, and methods at the secondary level.

12187 SENIOR SEMINAR (Approved 6/7/68) 3 credits

The proficiency of the student as an artist and the appreciation of criticism. The student will present an exhibit of his work as an artist completed during his school years. The student will review his work and the work of other artists to develop his critical faculties. Hours to be arranged, 3 per week, with faculty members as assigned by the department chairman. Open to 8th semester students only.

12189 INTAGLIO PRINTING

A studio course dealing with the various techniques included in the Intaglio printing process. The areas covered in this division of the Graphic Arts will be etching, engraving, aquatint, soft ground, mezzotint and dry point. The use of ink viscosity in color intaglio printing will also be introduced.

12191 LITHOGRAPHY

A studio course dealing with the planographic technique of Lithography. The various drawing materials used in this medium will include crayon, tusche, asphaltum and the transfer method. The technical aspects of preparing, etching, and printing the stone will be stressed. The visual and artistic understanding of an original print will also be emphasized. Color lithography will be introduced with various methods of registration.

12192 SERIGRAPHY

A studio course dealing with the stencil printing process of Serigraphy (Silk Screen). This course will cover the basic processes in Serigraphy which are paper, tusche, glue, cut or profilm, and the photographic techniques. The visual and artistic understanding of a Serigraph print will also be emphasized.

12193 RELIEF PRINTING

A studio course offering various methods of relief printing. The techniques covered in this area will include line-cuts, woodcuts, cardboard-cuts, wood engravings and gesse-cuts. The use of more than one color in a relief print will also be explored. The visual and artistic understanding of the above techniques will be emphasized.

12194 THE SILENT LANGUAGE 3 credits*

Prerequisites: 12151 *and* 12152

A course concerned with the conveying of ideas, philosophies and feelings by visual means, ranging from the specific narrative to the abstract and minimal art. The course will combine the philosophies of the silent language with the study of various media and techniques thereof, including ancaustic, egg tempora, mosaic, oils, acrylics and plastics, also spray paint, action painting, collage, flourescent and electric color.

12195 ADVANCED PAINTING I 3 credits*

Prerequisite: 12179

The student is assigned a particular studio area where he will be encouraged to develop, through his paintings, his own interests and individuality. Discontinuance of regular classroom instruction, replaced by period consultation and discussion.

12196 ADVANCED PAINTING II 3 credits*

Prerequisite: 12191

The same individualization found in Advanced Printing I, with the important addition of a required thesis, in which the student should fully define and elucidate his intentions and directions in the light of his painting.

12150 ART IN THE ELEMENTARY SCHOOL K - 3
and
12160 ART IN THE ELEMENTARY SCHOOL 4 - 6 3 credits

Studio experiences with materials related to the Art experiences of children. The emphasis will be on giving the prospective teacher a better foundation in understanding and working with art materials.

Studio courses are omitted from programmed final examinations: Drawing, Elements of Art, Art in the Elementary Schools, Painting, Printmaking, Ceramics, Three Dimensional Design.

THE BIOLOGY DEPARTMENT

Chairman Edwin J. Haertl Ph.D. Professor

The Biology Department, at present, offers basic science courses for all students. Advanced courses are offered for students majoring in General Science for the degree of Bachelor of Science in General Science Education.

61611 PRINCIPLES OF BIOLOGY (3 credits a semester)
(Approved academic year '66-'67) 6 credits

A general approach to the field of biology considered historical as well as contemporary. The excitement of discovery, the methods of both classical and contemporary research will be stressed. This course is offered as a laboratory science — 4 hours of work for 3 credits. Open to the B.S. Education K-3 and 4-6 students only.

61622 PRINCIPLES OF BIOLOGY LABORATORY
(required with 61611)

61612 GENERAL ECOLOGY 3 credits

A consideration of the relationships between organisms and their environment: the significance of food, energy, and space relations in the development and maintenance of biotic communities.

61613 GENERAL ECOLOGY LABORATORY
(required with 61612)

61614 INTRODUCTION TO GENETICS 3 credits

Prerequisite: 61633

An introduction to the fundamental principles of genetics. Laboratory work including studies in Drosophila genetics, human blood groups and DNA structure. 2 hours lecture and two hours of laboratory work.

61615 GENETICS LABORATORY
(required with 61614)

61616 CONSERVATION 3 credits

A study of natural resources, their preservation, wise usage, and restoration. The interrelationships of minerals, soil, air, water, land, grasses, forests, wildlife and human resources will be emphasized. Coverage will include man's role in nature and his effect and potential effect on both the living and non-living environments. The place of governmental and private agencies on the conservation movement will also be emphasized.

61617 MICROBIOLOGY 4 credits

Prerequisite: 61633

Designed to present to students interested in general science, the broad considerations of morphology, physiology and ecology of bacteria, yeasts, and molds. Laboratory work covers methods of sterilization, preparation of culture media and aseptic handling of pure cultures. Type species of representative groups will be cultured and studied in detail with emphasis placed on their relationship to other groups and to man. Scheduled in two three-hour blocks, two hours of lecture and four hours laboratory work.

61618 SELECTED TOPICS IN GENETICS (Approved 12/18/69) 3 credits

Prerequisite: Introduction to Genetics 61642

Readings and discussion of contemporary subjects in genetics structure and synthesis of DNA; importance of RNA; the behavior of chromosome matter in meiosis; isolation and recognition of DNA and RNA and isolation of the genes; investigation of future developments.

61619 HISTOLOGY (Approved 12/18/69) 4 credits

Prerequisite: 61633 *or* 61611 *with permission of instructor*

A study of the microscopic structure of cells, tissues and organs in relation to their function, with emphasis upon the mammal; an introduction to the principles of basic microtechnique.

61624 GENERAL BOTANY — HIGHER PLANTS (Approved July 3, 1968) 3 credits

Prerequisite: 61633

A somewhat detailed introduction to the Plant Kingdom involving evolution, taxonomy, morphology, physiology, and reproduction of the vascular or higher plants. Some emphasis will be given to the development of Herbaria and on the economic importance of the higher plants. 2 one hour lectures, 1 two hour laboratory.

61633 GENERAL BIOLOGY (4 credits a semester)
(Approved academic year '66-'67) 8 credits

The presentation of broad biological principles supplemented by a thorough examination of representative plants and animals. The work covered in this course will be considered as prerequisite to further study in biology and other areas of science. Two hours of lecture, one hour of seminar or recitation and two hours of laboratory work. Open to all students. Required of the B.A. students who elect biology and the B.S. Education in General Science.

61644 GENERAL BIOLOGY LABORATORY
(required with 61633)

61691 HISTORY OF BIOLOGY AND EVOLUTION
(Approved 1/30/68) (8 week offering) 2 credits

Seminar on the historical development of Biology and Evolution. Open to General Science Majors and others approved by the instructor.

THE ECONOMICS DEPARTMENT

52510 ELEMENTARY ECONOMIC EDUCATION 3 credits
Basic economic concepts, their application and interrelationship to other social sciences in the elementary social studies curriculum.

52571 PRINCIPLES OF ECONOMICS I 3 credits

An introduction to economic analysis with emphasis on the application of economic principles to an understanding of contemporary problems. Topics to be discussed include the nature of capitalism; national income, employment, and fiscal policy; characteristics of the American monetary and banking system; economic growth; and international trade.

52572 PRINCIPLES OF ECONOMICS II 3 credits
Prerequisite: 52571

Emphasis on the economics of the firm and resource allocation. Topics to be discussed include the price and output determination under pure competition, pure monopoly, monopolistic competition, and oligopoly; the resource market, general equilibrium analysis; and an evaluation of American capitalism.

52573 COMPARATIVE ECONOMIC SYSTEMS 3 credits

Prerequisite: 52571

Comparison of the United States free enterprise system and the U.S.S.R. system of central planning. Consideration will then be given to the applicability of these systems to the development problems of emerging nations.

52574 THE MODERN CORPORATION IN THE AMERICAN ECONOMY 3 credits

Prerequisite: 52571

Consideration of the question of whether the huge corporations dominate our economy. The performance of various corporations will be evaluated and policies for maintaining competition in a free enterprise system discussed.

52575 MONETARY AND FISCAL POLICY 3 credits

Prerequisite: 52571

Emphasis will be placed upon the management of commercial banks and the roles of the Federal Reserve System and budgetary policy in pursuing our economic goals of full employment, price stability, and a favorable balance of payments. Recent U. S. experience will be evaluated.

52576 PUBLIC EXPENDITURE POLICY 3 credits

Prerequisite: 52571

The role of the federal government in providing resources necessary to meet social needs. Emphasis will be given to the impact of urbanization upon society and to alternative approaches to solving the problems of poverty, housing, employment, and education.

52578 ECONOMIC DEVELOPMENT

Prerequisite: 52571

The problems of emerging nations in achieving a sustained rise in their standards of living. Emphasis will be given to the interrelationship of economic, political and social factors.

52579 MANPOWER PROBLEMS AND PUBLIC POLICY 3 credits

Prerequisite: 52571

The determination of wages, the causes of unemployment and the extent of poverty in the United States. Emphasis will be given to the role of labor unions, the impact of automation and regional comparisons. Manpower solutions to the problems of low wages, unemployment and poverty will be considered.

52581 HISTORY OF WESTERN ECONOMIC SOCIETY 3 credits

Prerequisite: 52571

The creation of industrial society in Europe from the Middle Ages to World War I. Emphasis will be upon the comparative economic growth in Britain, France and Germany.

52582 DEVELOPMENT OF ECONOMIC ANALYSIS 3 credits

Prerequisite: 52571

The development of economic analysis and its application from Adam Smith through John Maynard Keynes. Emphasis will be upon the intellectual heritage of contemporary economics and its impact upon modern policy decisions.

52583 HISTORY OF ECONOMIC GROWTH IN THE UNITED STATES 3 credits

Prerequisite: 52571

The industrialization process in the United States and its impact upon society. Emphasis will be upon the development of the U. S. economy from 1850 to World War II.

52584 PRICE THEORY 3 credits

Prerequisite: 52571 plus 3 hours of Economics

Theory of price and output determination, the behavior of consumers and producers under various market structures and the welfare implications of various solutions.

52585 INCOME DETERMINATION THEORY 3 credits

Prerequisite: 52571 plus 3 hours of Economics

Theory of the determination of the level and changes in the level of national output.

52585 INTERNATIONAL ECONOMICS 3 credits

Prerequisite: *Economics* 52571

Theoretical and empirical analysis of the problems of international economic relations. Topics discussed include international trade and international finance. Special emphasis will be given to the problems confronting the less developed countries in their economic relations.

52589 CONTEMPORARY ECONOMIC PROBLEMS 3 credits

Prerequisite: 52571

A seminar based upon discussion and analysis of a particular economic problem to be designated by the instructor.

Ely Library & Student Union — 1970

THE ELEMENTARY EDUCATION DEPARTMENT

Chairman Loretta M. McHugh Ed.D. Professor

The Department of Elementary Education offers preparation for teaching through the:

Bachelor of Science in Education K-3

Bachelor of Science in Education 4-6

Bachelor of Science in Education, Special Education

During the first two years of preparation for teaching, each student acquires a broad general education. The last two years of undergraduate work lead to specialization. The emphasis is on the acquisition of skill in the chosen field of concentration. The aim is to help each student become a proficient member of the teaching profession, both inside and outside the classroom.

Certification. Those who complete a specified program in a satisfactory manner, are recommended to the State Department of Education for certification.

00011 IMPROVEMENT OF READING 1 transcript credit

To help students to improve their reading ability. The course is required two periods per week of all freshmen who, as the result of a Reading Achievement Test administered during freshman week, show weakness in the areas of vocabulary, reading comprehension and interpretation, and basic skills.

00021 HISTORY OF AMERICAN EDUCATION 3 credits

To demonstrate through lectures, readings, and discussions the chronological development of American education and the philosophical implications of education as it exists in other parts of the world. Basic comparisons between American systems of education and the European approaches will be made.

00023 CREATIVE WRITING FOR ELEMENTARY GRADES 3 credits

A study of the techniques of creative writing and the procedures needed for fostering growth. The interdependence of the total Language Arts and content areas programs will be related to the creative writing aspects.

00031 PRINCIPLES OF TEACHING K - 3 — 5 credits

The Principles of Teaching is designed to provide the background for teaching and learning in the elementary school. The course explores and identifies procedures in teaching, including lesson planning, the unit method, and fundamental practices. Included is a practicum which will involve the students in observation and demonstration lessons as well as a minimum of ten (10) periods working as an aide in an assigned classroom. One (1) period each week will be allocated to art, music, physical education, or audio-visual aids. Research reports and written evaluations of classroom experiences are a requirement of the course.

Emphasis directed to kindergarten through grade three.

00032 PRINCIPLES OF TEACHING 4 - 6 — 5 credits

See description under 00031

Emphasis is directed to grades four through six.

00034 PRINCIPLES OF TEACHING — SPECIAL EDUCATION — MENTALLY RETARDED — 5 credits

See description under 00031

Emphasis directed to special classes for the mentally retarded grades K through six.

00035 READING: Grades K through 3 — 2 credits + 1 lab

Prerequisite: *Psychology* 41423

Study of the techniques and procedures necessary for teaching reading in the primary grades. The course will provide the skills needed to teach the reading readiness program and the procedures and techniques generally included in the basal readers and workbooks. Attention will be given to the understanding and use of phonics in the total reading program.

00036 READING: Grades 4 through 6 — 2 credits + 1 lab

Prerequisite: *Psychology* 41423

Study of techniques and procedures necessary for teaching reading in the intermediate grades. Basal reading programs will be examined and evaluated. Enrichment materials and related independent guided reading activities will be developed. Reading skills for the content areas will be emphasized.

00038 METHODS AND MATERIALS IN LANGUAGE ARTS: Grades K through 3 — **2 credits + 1 lab**

Prerequisite: *Psychology* 41423

Auditory and visual discrimination practices will be studied. The mechanics of oral and written language, a review of current practices in handwriting, and specific suggestions for the teaching of spelling will be presented. Vocabulary development and correct word usage will be emphasized.

00039 METHODS AND MATERIALS IN LANGUAGE ARTS: Grades 4 through 6 — **2 credits + 1 lab**

Prerequisite: *Psychology* 41423

As in 00038, with the emphasis on the language skills taught in intermediate grades. The procedures used for written and oral reports, discussions, and creative writing will be demonstrated.

00041 EDUCATION OF EXCEPTIONAL CHILDREN (Approved 3/25/69) — **3 credits**

Attention focused upon the characteristics, needs, and problems of children who are atypical in one or more ways, and on the procedures employed in their care, supervision, and education. Emphasis is placed on educational planning and implementation.

00042 NATURE AND NEEDS OF SUBNORMAL AND UNADJUSTED CHILDREN (Approved 3/25/59) — **3 credits**

Prerequisites: 00041 and 41423

The causes, incidence, types of mental deficiency, as well as diagnosis and guidance of the retarded. Problems of adjustment in school programs, at home and in the community are stressed. The effect of retardation on learning and social interaction will be considered.

00044 METHODS AND MATERIALS IN THE EDUCATION OF THE MENTALLY RETARDED — **3 credits**

Curriculum resources, methods and materials for special classes are developed on the basis of diagnosed characteristics of mentally retarded children.

00045 ARTS AND CRAFTS IN SPECIAL EDUCATION **3 credits**

Non-academic activities that contribute toward the improvement of motor skills, sensory discrimination and aid in the improvement of self-concept, and pre-vocational experiences for exceptional children. Stress is placed on the evaluative process inherent in the A & C program toward their rehabilitation and community placement.

00046 PRINCIPLES OF REMEDIAL EDUCATION **3 credits**

Survey of remedial education, factors associated with underachievement; general principles of diagnosis and remediation; diagnostic instruments and remedial resources.

00047 GUIDANCE SERVICES IN SPECIAL EDUCATION **3 credits**

Introduction to the role of the guidance process in Special Education. Emphasis is placed on the adjustment problems of students with handicapping conditions and their families. Methods and means of assisting handicapped students with personal, educational and vocational problems are studied.

00048 THE MALADJUSTED CHILD **3 credits**

Identification and modification of behavior of the emotionally and socially maladjusted child. The home, school, and community are considered in relation to the child's mental health.

00054 AUDIO-VISUAL MEDIA IN EDUCATION **(3 clock hours) 2 credits**

Designed to acquaint and familiarize future teachers with the characteristics, applications and implications of Audio-Visual Media in Education. Major emphasis will be placed upon mastering the nature of the media and the related equipment for traditional and innovative classroom use.

00056 PHILOSOPHY OF EDUCATION **3 credits**
Prerequisite: 54514

The stimulation of creative and critical thought concerning the nature and value of education. The course is designed to (1) examine the kinds of political, moral, epistomological and theological principles which have been used to support various definitions of education and (2) consider critically the implementation based on these definitions.

00057 THE KINDERGARTEN CURRICULUM 3 credits

The problems and principles of modern kindergarten education. Use of developmental and manipulative materials, music and art experiences, the work and play periods, and the development of the language skills of the young child will be emphasized in the curriculum content. Reading and number readiness practices will also be studied and evaluated. Units of work in science and social studies related to the world of the five year old will be prepared.

00058 CHILDREN'S LITERATURE 3 credits

To provide prospective teachers and future parents with a background of children's literature in fiction, non-fiction, and poetry. Familiarity with the criteria and tools used in book selections, a knowledge of outstanding authors and illustrators of children's books in the past and present. History of the field of children's literature, ways of using books in the curriculum, and a knowledge of how to integrate children's books and the learning process are included. Each student will get experience in story telling, and selecting suitable stories to tell at the primary and intermediate levels.

00059 DEVELOPMENT OF LISTENING SKILLS (Approved 6/18/69) 3 credits

To acquaint the teacher with LISTENING as a vital area and of the total language arts program, the nature of listening, the factors involved in listening; kinds of listening, the need for listening in our language arts programs, the needed skills in listening, listening in the total curriculum and creating an environment for effective listening development.

00063 PRODUCTION OF AUDIO-VISUAL AIDS 3 credits

Prerequisite: *Education* 00054 *or a basic course in A. V. Education*

Designed to give teachers and future teachers a background of information and skill in the production of posters, charts, graphs, exhibits, models, devices, black and white photographs (sets), black and white or colored slide sets, transparencies, tape recordings, and the fundamentals of motion picture production. Production procedures

will be illustrated by means of lectures, demonstrations, and motion pictures. Demonstrations will utilize many of the media to be studied. The last meeting of the class will feature constructive criticism and comments on the finished work. All materials produced will be paid for by the students and will remain their property. The class is limited to 25 students.

00071 **SOCIAL STUDIES FOR THE ELEMENTARY SCHOOL (Approved 3/25/69)** **3 credits**

The social studies course for teachers planning to teach in a kindergarten through Grade 6 is planned to present the basic principles underlying social studies and to develop sound procedures which will lead to good instructional practice in the teaching of the social studies skills. The content of the course will concern itself with the typical subject matter of the elementary grades with a variety of teaching aids and supplementary materials available for teaching, and with procedure that will promote knowledge and understandings embodied in the social studies curriculum.

00089 **TESTS AND MEASUREMENTS** **3 credits**

An over-view of testing and investigating the types and uses of group intelligence tests, achievement tests, and diagnostic tests administered in the elementary school. Teacher prepared tests will be produced and analyzed. Comparison of standardized tests for achievement and diagnosis will be emphasized. Administration of different types of tests to children will be required.

00091 **STUDENT TEACHING IN THE ELEMENTARY SCHOOL: Fall, Grades K through 3** **12 credits**

Prerequisite: *the Professional Sequence*

Supervised observation and student teaching in elementary schools. Five hours daily in two eight week blocks at different grade levels. The Seminar meets one afternoon each week with the faculty and supervisors of the department to help the student integrate theory with practice and to provide guidance and evaluation for lessons prepared and taught.

00092 **STUDENT TEACHING IN THE ELEMENTARY SCHOOL: Fall, Grades 4 through 6** **12 credits**

Prerequisite: *the Professional Sequence*

See description under 00091

00093 STUDENT TEACHING IN THE ELEMENTARY SCHOOL: Spring, Grades K through 3 — 12 credits

Prerequisite: *the Professional Sequence*

See description under 00091

00094 STUDENT TEACHING IN THE ELEMENTARY SCHOOL: Spring, Grades 4 through 6 — 12 credits

Prerequisite: *the Professional Sequence*

See description under 00091

00095 STUDENT TEACHING IN SPECIAL EDUCATION — 6 credits

Prerequisite: *Permission of the Department Chairman*

THE ENGLISH DEPARTMENT

Students who select a major in English will be prepared to exercise the functions of a well educated professional person through the study of Literature and Oral and Written Communication.

The English Department offers an 18 credit Minor in Theatre.

21211 ENGLISH COMPOSITION (3 credits each semester) 6 credits

An intensive course in writing. Fundamentals of writing are featured including rhetoric, syntax, sentence structure, paragraph development, and the writing of complete themes.

ENGLISH COMPOSITION — second half

An introduction to literature in which the various types of fiction, drama and poetry are studied. Emphasis is on writing about themes taken from literature. The research paper is also studied.

21213 MAJOR AMERICAN WRITERS (Approved 12/4/68) — 3 credits

Prerequisite: 21211

A study of the most prominent writers of American Literature.

21214 MAJOR BRITISH WRITERS (Approved 12/4/68) — 3 credits

Prerequisite: 21211

A study of the most prominent writers of English Literature.

21215 AMERICAN ROMANTICISM 3 credits

Prerequisite: 21222

American historical and philosophical romanticism studied in the works of Irving, Cooper, Hawthorne, Poe, Melville, and other writers of the period.

21216 SEVENTEENTH CENTURY ENGLISH POETRY (1603 - 1660) 3 credits

Prerequisites: 21222, 21214, 21234

A close consideration of the poetry of Donne, Herbert, and Marvell, with briefer treatments of Jonson, Herrick, Vaughan, Cranshow, and others. Although there will be some discussion of "schools" of poetry, the primary emphasis will be on the individual achievement of each poet studied.

21217 LITERATURE STUDY IN THE HIGH SCHOOL 3 credits

Prerequisite: 21211

An intensive theoretical and practical examination of the nature, purpose and operation of literature in the teaching of high school English. Major approaches to literature study will be examined, and the ways to reach a variety of students will be emphasized.

21218 LANGUAGE STUDY IN THE HIGH SCHOOL 3 credits

Prerequisite: 21211

An intensive theoretical and practical examination of the nature, purpose, and operation of language in the teaching of high school English. Important areas of study will include grammar, dialect, composition, and semantics for all high school students.

21222 SURVEY OF ENGLISH LITERATURE (3 credits each semester) 6 credits

Prerequisite: 21211

A study of the major English writers from medieval times to the eighteenth century. Students are expected to write intelligently and read with understanding and appreciation.

SURVEY OF ENGLISH LITERATURE—second half

A study of the poetry and prose of the major British writers from the eighteenth century to the present.

21231 THE STRUCTURE OF MODERN ENGLISH 3 credits
Prerequisite: 21211

A study of the origin and development of the English language with emphasis on its present structure and usage. Required of all English majors.

21232 HISTORY OF THE ENGLISH LANGUAGE (Approved 6/18/69) 3 credits
Prerequisite: 21211

A study of the development of English from its Indo-European origins to the present day, including an historical survey of changes in structure, sounds, and meanings.

21233 AMERICAN LITERATURE (3 credits each semester) 6 credits
Prerequisite: 21222

A study of American Literature to 1870. Emphasis is on the outstanding works of the major writers. Required of English majors.

AMERICAN LITERATURE — second half
Outstanding works of the major writers from 1870 to the present. Required of English majors.

21234 SHAKESPEARE I 3 credits
Prerequisite: 21222

A study of the comedies and tragedies of Shakespeare including some consideration of his sources, his use of Elizabethan ideas, and his theatre.

21235 SHAKESPEARE II 3 credits
Prerequisite: 21222

A study of the historical plays and later comedies.

21236 VICTORIAN LITERATURE 3 credits
Prerequisite: 21222

A study of the prose and poetry of the major writers of the Victorian period.

21237 MILTON 3 credits
Prerequisite: 21222

A study of the man and his works including *Paradise Lost* and selected poetry and prose.

21238 CONTEMPORARY LITERATURE **3 credits**

Prerequisite: 21222

A study of various types of literature of the 20th century and the influence of the period on such literature. Plays, different forms of fiction, and poetry are read and discussed.

21239 LITERARY CRITICISM (Approved 6/18/69) **3 credits**

Prerequisite: 21222

A consideration of the development of critical theories of literature with emphasis on major critics, combined with an intensive critical examination of selected major works. The history of criticism, ideas, techniques, and modern theories will be studied. There will be practice in writing criticisms.

21241 WORLD LITERATURE I **3 credits**

Prerequisite: 21211

A comparative study of literature in the Western world presented through lectures and the reading and discussion of masterpieces in translation. Included are such works as *The Aeneid, The Divine Comedy,* Greek dramas and selected works of Plato, Homer, Cervantes, and others. Required of English majors.

21242 WORLD LITERATURE II **3 credits**

Prerequisite: 21211

A continuation of 21241 featuring outstanding works in translation. Included in the study are the works of Rousseau, Goethe, Balzac, Flaubert, Dostoevsky, Rimbaud, Gide, and others.

21243 ELIZABETHAN LITERATURE **3 credits**

Prerequisite: 21222

A study of the outstanding literature of this period along with the thought reflected in such literature.

21245 MODERN POETRY **3 credits**

The reading and discussion of the foremost English and American poets from Hardy and Housman to such contemporary verse writers as Eberhart, Spender and Lowell.

21246 THE MODERN AMERICAN NOVEL **3 credits**

Prerequisite: 21222 21211

Students will read at least one major work of fiction of a selected group of American novelists beginning with Henry James to writers of the present day. Reading will be both intensive and extensive.

21247 SEVENTEENTH CENTURY LITERATURE **3 credits**

Prerequisite: 21222

Literature of this period from Donne and Jacobean Drama to Marvell and Dryden.

21248 ROMANTIC LITERATURE **3 credits**

Prerequisite: 21222

A study of the prose and poetry of the major writers of the Romantic Age. This course satisfies the period requirement for English majors.

21249 THE BRITISH NOVEL **3 credits**

Prerequisite: 21222

A reading and discussion of the major novelists from the eighteenth century to the present. This course is occasionally presented in the form of a seminar.

21251 PHONETICS **3 credits**

Introduction to phonetics as a science. Application of the International Phonetic Alphabet to the sounds of American English. Detailed analysis of vowel and consonant sounds. Standards of pronunciation. Study and transcription of American and foreign dialects. Use of the I.P.A. in speech and hearing disorders.

21252 REPRESENTATIVE EUROPEAN NOVELISTS **3 credits**

Prerequisite: 21222

To acquaint advanced students of literature with novelistic approaches of modern European Literature, placing special emphasis on the representative writings of such significant authors as Joyce, Mann, Kafka, Camus, Gide, and others. Study will include structural and stylistic analyses.

21253 SCIENCE OF SPEECH AND VOICE (Approved 12/18/69) **3 credits**

An analysis of the scientific aspects of oral communication and a study of the normal and disturbed functions of the nervous system as these relate to speech, voice, language, and hearing. Anatomy and physiology of these mechanisms with emphasis on the physics of speech and the psychophysics of hearing will be stressed.

21254 INTRODUCTION TO SPEECH PATHOLOGY (Approved 12/18/69) **3 credits**

This course will acquaint the students with some of the diagnostic and therapeutic procedures and materials used in dealing with common speech disorders. Emphasis will be on the normal development of speech and language that may be deviant, i.e. articulation problems, stuttering, and functional voice disorders.

21255 SPEECH **3 credits**

A course that gives students an opportunity to practice the fundamental principles of oral communication. It includes experience in organizing and delivering various kinds of talks, participating in group and panel discussions, and evaluating speech habits. Voice quality, articulation, and pronunciation are studied.

21256 ADVANCED ORAL COMMUNICATIONS **3 credits**

Prerequisite: 21255

An opportunity for students interested in advanced speech work to acquire special training in group leadership, debating, oratory, and oral interpretation.

21257 SPEECH CORRECTION IN THE CLASSROOM **3 credits**

Prerequisite: 21255

A course intended to give classroom teachers a basic knowledge of the common speech defects of students and the treatment of such defects. Observation of classroom procedures in treating pupils with common problems and individual treatments will be made. (Especially recommended for the K-3 program).

21258 DISCUSSION AND PARLIAMENTARY PROCEDURE **3 credits**

Prerequisite: 21255

A study of the different kinds of discussions and their purposes, and the technicalities and purposes of parliamentary law. Students will participate in all kinds of discussion groups and will engage in parliamentary debate as participants and leaders.

21259 SPEECH READING AND AUDITORY TRAINING **3 credits**

Prerequisite: 21251

Theory and methods of teaching speech reading to children and adults; survey of classical speech reading procedures; emphasis on a combined approach of speech reading, auditory training and speech/language development.

21271 JOURNALISM I **3 credits**

Prerequisite: 21211

An introduction to the technique of writing news stories, feature articles, and editorials in addition to a study of journalistic standards. Media to be covered will include newspapers, news magazines, television and radio.

21272 JOURNALISM II **3 credits**

Prerequisite: 21271

A continuation of Journalism 21271 with emphasis on news editing. Material to be covered will include editing to save space; making the news meaningful; headline writing; creative editing; judging the news; and the editor and the law.

21273 CREATIVE WRITING **3 credits**

Prerequisite: 21211

A course for highly qualified students interested in identifying and developing their special writing abilities. The techniques of writing fiction, drama, and verse will be studied.

21274 ADVANCED COMPOSITION **3 credits**

Prerequisite: 21211

Practice in writing diverse types of compositions with an opportunity to evaluate and be evaluated. Students will study special techniques of writing. The reading and discussion of essays of excellence will be required.

21279 CONTEMPORARY TRENDS IN DRAMATIC LITERATURE **3 credits**

Prerequisite: 21222 and 21261 or 21269

To acquaint the student with theatrical trends in Europe and America and features outstanding plays by selected playwrights, who have been influenced by the works of Artland and Brecht, Grotowski and the surrealists, as well as modern writers of dramatic theory. A study of play form and techniques will also be emphasized.

21281 AN INTRODUCTION TO GENERAL SEMANTICS (Approved 6/18/69) **3 credits**

Prerequisite: 21231

A study of the meaning in language, an examination of the basic relationships between language and the human beings who create, use, and respond to it. Special attention is given to critical concepts (e.g., syntactics, semantics, and especially pragmatics) and devices such as generalization, inference, indexing, abstraction levels, multi-valued orientations, etc. In short, fundamental aspects of communication.

21282 MEDIEVAL ENGLISH LITERATURE
(Approved academic year '66-'67) 3 credits

Prerequisite: 21222

A study of the outstanding English Literature of the twelfth, thirteenth, fourteenth, fifteenth centuries (excluding Chaucer). Poems, dramas, sermons, and other prose works will be studied in the perspective of literary and historical traditions.

21283 BACON 3 credits

Prerequisite: 21222

A study of the chief prose works of Francis Bacon and selected criticism.

21284 CHAUCER 3 credits

Prerequisite: 21222

Readings will include *The Canterbury Tales* and other selected works, with as much attention to Middle English as is necessary to an understanding of the texts.

21285 LITERATURE OF THE EIGHTEENTH CENTURY 3 credits

Prerequisite: 21222

Students will study Swift, Pope, Johnson, and other major writers of the century.

21286 STUDY OF THE SHORT STORY 3 credits

Prerequisite: 21211

Extensive reading of short stories of various periods representing different countries. Special attention is given to the theme and form of each story.

21287 TEACHING ENGLISH AS A SECOND LANGUAGE (One semester)
(Approved 12/4/68) 3 credits

Prerequisite: 21211

A course designed to acquaint students with the theories of teaching English to people whose native tongue is not English. A study will be made of teaching the speech sounds and stresses, sentence structure, and vocabulary. Procedures for dealing with the special problems of the non-native speaker will be stressed.

21289 THE NEGRO IN AMERICAN LITERATURE (Approved 12/4/68) 3 credits

Prerequisite: 21211

A critical study of the Negro in American Literature from two vantage points: The image of the Negro in the works of major American writers, and the image of the Negro and of America in work created by American Negro writers.

21291 THE VICTORIAN NOVEL

(Approved 12/4/68) 3 credits

Prerequisite: 21222

A study of the major novelists of the Victorian Period including Bronte, Thackeray, Dickens, Eliot, Meredith, Hardy and Conrad.

21292 TWENTIETH CENTURY AMERICAN WRITERS (Approved 6/18/68) 3 credits

Prerequisite: 21222

Readings include representative samples of the major genres of American literature: fiction, poetry, and drama. Since only 20th Century works are considered, the lectures and discussions will afford opportunities to assess the various literary reflections of contemporary American politics and ideologies although the main emphasis will be upon literature.

21293 SPEECH THERAPY PRACTICUM 3 credits

Prerequisite: 21254

Diagnostic and therapy techniques used with children and adults having speech disorders. Discussions, demonstrations, and laboratory practice. Includes consideration of, and practice with, individual and group therapy.

21294 DIAGNOSTIC AND HEARING TESTING 3 credits

Prerequisite: 21259

Diagnostic and therapy techniques for children and adults with hearing disorders. Interview techniques and history taking. Special techniques for audiological evaluation of the non-verbal child; current medical and surgical correction of hearing loss; pure tone audiometry and audiogram interpretation essential to hearing testing.

21219 LIFE AND LITERATURE IN AMERICA

1919 - 1939 (Approved 10/30 68) 3 credits

Prerequisite: 21211

To acquaint the student with the broad background of American cultural life and thought between the two World Wars. The major focus is on literature; the student will study selected poetry, drama, and fiction of the period. Other departments, however, will provide lectures offering relevant material in the development of art, economics, music, sociology and other selected subjects.
Open only to students not majoring in English.

21299 RESEARCH SEMINAR IN ENGLISH I AND II

3 credits each semester

Prerequisite: 21222

Advanced work in English which will include guided individual study of an approved topic, and the reading of a prescribed list of books drawn from English and American Literature. Members of the department will assist those students whose special interests coincide with the specialized areas of the instructors. Students must have the approval of the department chairman to take this course.

MINOR IN THEATRE

(Approved 1/28/68) 18 semester hours

The purpose of a minor in drama is to offer background, training and experience for those prospective teachers who show an interest in drama and theatre, and who may be called on by the elementary or secondary schools where they may teach to produce plays and/or other assembly programs.
In addition to this, the above minor will also serve as preparation for those students who may wish to participate in college or regional theatre groups, and for those who may wish to make a vocation of theatre.
The study of history of the theatre, dramatic literature and criticism, and those theories underlying theatre practice will aid in the development of the fundamental skills needed in drama and theatre, and enlarge the cultural scope of the prospective teacher, as well as the student of theatre.

REQUIRED COURSES FOR A MINOR IN DRAMA

Drama	21261	Dramatic Literature	3
Drama	21262	Theatre Arts	3
Drama	21263	Fundamentals of Acting	3
Drama	21264	History of Theatre	3
Drama	21265	Theatre Practice	1 transcript credit .... Total 12 credits

All students minoring in drama will have to join the "Footlighters" Drama Club and participate in its activities for 6 semesters.

ELECTIVES (to be taken under advisement)

NOTE: The work in Shakespeare may be credited to English or Drama but not to both concentrations.

Eng.	21234	Shakespeare I	3
Eng.	21235	Shakespeare II	3
Drama	21267	Dramatic Criticism	3
Drama	21268	Fundamentals of Directing	3
Drama	21269	Modern Drama	3
Drama	21274	Problems School Prod.	3
Drama	21275	Stagecraft & Design	3
Drama	21276	Vocal Tech. For Stage	3 ..... Elective Total 6 credits
			Grand Total 18 credits

21261 DRAMATIC LITERATURE — 3 credits

Prerequisite: 21211

A critical evaluation of representative plays of the important periods of theatre, including outstanding plays of Greece, Italy, Germany, Sweden, Spain, Russia, England, and the United States. An attempt is made to understand in depth the influence of the times upon the plays and authors studied.

21262 THEATRE ARTS — 3 credits

A course designed to give the student a better understanding of the art of the theatre as a medium of culture. Students will become acquainted with lighting for the stage, costume and stage design, and make-up. As a part of the course, students will have an opportunity to gain first-hand experience in working in play productions by participating in them.

21263 FUNDAMENTALS OF ACTING **3 credits**

Prerequisite: 21262

This course consists of a study of the actor's creative resources, character and scene analysis, and methods of acting. Attention will be given to a detailed study of stage practice, sustaining emotional scenes, improvisation, effective characterization, action, gesture and movement.

21264 HISTORY OF THE THEATRE **3 credits**

An introductory course concerned with the historical development of the theatre. It will consist of a survey of the origins of Western Theatre from Greece to the present time.

21265 THEATRE PRACTICE **1 transcript credit**

Designed specifically for those students who will take part in the major production of the semester, non-drama minors included. As actors, stagehands or those participating in costume, scenic design or lighting, their work will be evaluated by the director of the production. All drama minors are expected to register for Theatre Practice for at least six semesters.

21267 DRAMATIC CRITICISM **3 credits**

Prerequisites: 21211 and 21261

A study of historic and present day criticism of plays and movements in theatre. Attention will be given to theories of drama and playwriting.

21268 FUNDAMENTALS OF DIRECTING **3 credits**

Prerequisites: 21262 and 21263

A course in the process of play direction. Styles and techniques in directing will be emphasized, with practice in the staging of scenes from representational plays.

21269 MODERN DRAMA **3 credits**

Prerequisite: 21211

Beginning with Ibsen and his contemporaries, modern plays will be compared with those of other periods in the history of the theatre. The development of various approaches and techniques used by the playwright will also be studied.

21274 PROBLEMS OF SCHOOL PRODUCTION 3 credits

A survey of the theory and practice of play production at both elementary and secondary levels. The course will deal with the general problems of theatre practices, analysis of plays for production, problems of theatre practices, analysis of plays for production, problems of staging, play choice and casting, conducting rehearsals, considered from the point of view of both the actor and especially, the director. Each student will contribute a "director's portfolio" of a specific play and will be expected to participate in at least one major production. The student need not be a minor in drama.

21275 STAGECRAFT AND DESIGN 3 credits

Prerequisite: 21262

This course will consist of a study of the visual elements of theatre, the theories of stage design color and line, and the building and painting of scenery. Consideration will also be given problems of lighting and make-up and their relationship to play production. This course will be an extension of Theatre Arts, but will deal more with theory.

21276 VOCAL TECHNIQUES FOR THE STAGE 3 credits

Prerequisite: 21262

Fundamentals of learning effective vocal production for the theatre, with special emphasis in areas of interpretation and character analysis, clarity and quality of voice for performance.

THE GEOGRAPHY DEPARTMENT

Chairman John E. O'Shea, M. A. Associate Professor

53581 POLITICAL GEOGRAPHY

(Approved 12/21/67) 3 credits

A study of geographic influences upon the arrangement and evolution of modern states. Dependent, independent and interdependent political units will be systematically analyzed and evaluated using selected elements in cultural-physical geography. Case studies of world problem areas will be accomplished.

53582 GEOGRAPHY OF EUROPE

(Approved 12/21/67) 3 credits

A regional geographic study of physical, economic, cultural and political patterns of Europe (excluding the U.S.S.R.). Population patterns will be evaluated via sequent occupance studies. Assets and liabilities of individual states will be evaluated and discussed in an attempt to promote a better appreciation of the geographic structure of Europe.

53583 INTRODUCTORY CARTOGRAPHY

(Approved 12/21/67) 3 credits

A lecture-laboratory course which is designed to survey the field of cartography. An analysis is made of early map projections and the evolution of modern mapping techniques. Map intelligence, maps and aerial photo interpretation will constitute a significant portion of the course. Emphasis will be given to the interpretation of data spatially. Each student will be introduced to the cartographic process and participate in the design, production and reproduction of various graphics.

53584 PHYSICAL GEOGRAPHY

(Approved 12/21/67) 3 credits

Analysis, through a conceptual approach of regional landform development, climatic patterns, vegetation distributions, soil groupings and factors influencing the location of major economic minerals. The man-land relationship will be emphasized. Extensive use of maps.

53585 CULTURAL GEOGRAPHY

(Approved 12/21/67) 3 credits

An analysis of the man-land relationship as evidenced in the variety of culture worlds that exist. Special emphasis on growth of knowledge and population as well as the invention and diffusion of ideas.

53586 ECONOMIC GEOGRAPHY

(Approved 12/21/67) 3 credits

An analysis of basic economic activities and the ways in which environmental factors affect them. Major emphasis is given to the differences between economies of abundance and economies of scarcity.

53587 GEOGRAPHY OF AFRICA

(Approved 12/18/69) 3 credits

Prerequisite: 53591

A regional, physical and cultural geographic survey of Africa. A study of the distribution of land and people, physical environment, resources, settlement and economic development. Special emphasis will be given to cultural elements. A geographic interpretation of the political and economic problems of emerging African States will be considered.

53591 PRINCIPLES OF GEOGRAPHY 3 credits

This course will give the student an understanding and knowledge of major world patterns, the ability to read and interpret maps, and the understanding of the ideas involved in the natural environment, man-made relationship, and the world-wide interdependence of societies.

53592 GEOGRAPHY OF ANGLO-AMERICA 3 credits

A physical and cultural survey of Anglo-America. A geographic interpretation of the settlement, resource development and problems of Anglo-America.

THE GENERAL STUDIES DEPARTMENT

Resolved that all students entering Westfield State College as freshman be admitted without being assigned to a major. Be it further resolved that all freshman students are to apply for and be admitted to a major by the end of their freshman year. Those who do not achieve this status are to become General Studies Majors. 11/12/68.

BACHELOR OF ARTS IN GENERAL STUDIES

Chairman John F. Nevins, Ph.D. Associate Professor

Core —	Humanities	27 credits	
	Social Science	18 credits	
	Mathematics & Science	14 credits	
			59 credits
Major —	18 credits in each of three subjects		54 credits
Electives —			7 credits
			Total 120 credits

Approved 2/12/69

Approved Board 10/69 effective date Fall, 1969

JFN, EAT

THE HISTORY DEPARTMENT

Chairman Robert L. Brady, Ph.D. Professor

The History Major includes the following:	Approved 1/28/68	Year
Western Civilization	6 credits	1
U. S. History and Government	6 credits	2
Seminar: Historiography and Research	3 credits	3
American History electives	6 credits	3 or 4
European History electives	6 credits	3 or 4
African, Far Eastern, or Latin American electives	6 credits	3 or 4
Social Studies electives: Political Science, Economics, Sociology or Geography	6 credits	2, 3 or 4
(3 s. hrs. of economics or 3 hrs. of sociology may be included from the core)		
	—	
	39 credits Major	
	54 credits Core other than History	
	—	
	93 credits	

This curriculum introduces a number of limited elective hours. The system of limited electives available during either the junior or senior year makes it possible to take advantage of related courses which might be offered in other departments. For example, a student can be advised to elect a European History course which precedes, runs concurrently with, or follows a literature course dealing with the same historical period. This makes possible a meaningful correlation and integration of course work taken between two departments. In some cases the number of hours required for the major will not be increased because the student may use the core course toward his social studies electives. We also observe that by subscribing to the concept of testing-out of the freshman or sophomore history courses we further increase the flexibility of the program.

American History Electives:

51531 Colonial and Revolutionary History, to 1787
51532 Early National Period, 1787 to 1845
51534 The Civil War and Reconstruction, 1845-1877
51535 Early Modern Period, 1877-1920
51536 The U. S. in the Twentieth Century, 1920 - ?
51537 History of Labor
51533 U. S. Diplomatic History (I, II)
51544 U. S. Intellectual History (I, II)
51539 Social and Cultural History
51541 U. S. Economic History

Prerequisite: U. S. History and Government, or Consent of the Department Chairman

European History Electives:

51563 Ancient History
51551 Medieval History
51552 Renaissance and Reformation
51553 17th Century
51554 18th Century
51556 19th Century
51557 20th Century
51558 The Expansion of Europe and Imperialism
51562 The Intellectual History of Western Civilization (I, II)
51561 History of Russia Since 1815
51559 History of the British Isles

Prerequisite: History of Western Civilization, or Consent of Department Chairman

General History Electives:

51566 Latin American History (I, II)
51572 Contemporary Latin America
51577 African History (I, II)
51573 History of the Far East

Social Studies Electives:

55523 Comparative European Governments
55534 Political Theory
55521 American National Government
55532 State and Local Government

Economics
Sociology
Geography

51511 HISTORY OF WESTERN CIVILIZATION (3 credits each semester) 6 credits

An introductory course tracing through ancient, medieval, and modern history, the origins, evolution, and consolidation of Western Civilization. A consideration of the origins of Western Civilization as found in the archaic civilizations of Egypt and Mesopotamia and the classic civilizations of both Greece and Rome. The course will trace the development of Western Civilization from the Feudal Age and the rise of the National Monarchies, to the Renaissance and Reformation. A thorough examination of the growth of nationalism and the coming of revolution and world wars in the Twentieth Century will conclude the treatment of the History of Western Civilization.

51522 UNITED STATES HISTORY AND GOVERNMENT (3 credits each semester) 6 credits

A survey of United States history tracing the growth of American institutions and interpreting periods and events of important national significance. Consideration will be given to the causes and results of wars, presidential administrations, great issues which have arisen, and changes in governmental attitudes.

51531 UNITED STATES COLONIAL AND REVOLUTIONARY HISTORY TO 1787 3 credits

The political, economic and social development of the American colonies; British colonial policy; and the War for Independence.

51532 UNITED STATES IN THE EARLY NATIONAL PERIOD, 1787 - 1845 3 credits

The establishment of the federal system from the Constitutional Convention to the crisis in the union. Specific topics treated will include the emergence of the political parties, Jeffersonian and Jacksonian democracy. Expansionism and the War of 1812, and the emergence of Sectionalism.

51533 UNITED STATES DIPLOMATIC HISTORY (I), TO 1898 3 credits

The aims of foreign policy, the tools of diplomacy and of force, the Monroe Doctrine and Latin American relations.

51533 UNITED STATES DIPLOMATIC HISTORY (II), 1898 — 3 credits

An examination of expanding American diplomacy from the Spanish-American War through two world wars; the United Nations and the cold war; the importance of regional pacts; and the challenge of the modern age.

51534 THE CIVIL WAR AND RECONSTRUCTION, 1845 - 1877 — 3 credits

The causes of the War; the conduct of the war; the attempt at reconstruction in its political, social, and economic aspects; and national reunification.

51535 UNITED STATES IN THE EARLY MODERN PERIOD, 1877 - 1920 — 3 credits

An interpretation of the men and political, economic and social forces which shaped modern America. This pivotal era includes the Gilded Age, the Rise of Industrial America, the Progressive Era, and the Emergence of the United States as a World Power.

51536 TWENTIETH CENTURY UNITED STATES, 1920 - PRESENT — 3 credits

American political, economic, and intellectual life between the two World Wars. The Depression; New Deal; World War II, and the Cold War.

51537 THE HISTORY OF LABOR — 3 credits

The growth and impact of the labor movement on American society. Basic concepts and methods of management — Union relations will also be examined.

51544 UNITED STATES INTELLECTUAL HISTORY, (I, II) (Cabinet 6/18/69) — 3 credits each semester

Prerequisite: 51511

The various intellectual trends in American history from Puritanism and including the Transcendentalist Movement, the Genteel Tradition, Neo-Conservatism, and the New Left. Special emphasis will be placed on the principal men identified with each movement and the influence which they exercised upon the course of American history.

51551 MEDIEVAL HISTORY, 300 - 1350 **3 credits**

The institutional, economic and intellectual history of Europe as it emerged from its Roman and Germanic antecedents and developed into a distinctly western civilization. Emphasis will be placed upon the growth of medieval governmental institutions and the great intellectual achievement of the high middle ages.

51552 RENAISSANCE AND REFORMATION **3 credits**

The major historical figures of the Renaissance and Reformation analyzed against the background of the interesting social, economic, intellectual, and religious forces of the era. Special emphasis will be given to the origins and evolution of the personalities and historic trends involved in the transition from Medieval to Modern times.

51553 SEVENTEENTH CENTURY EUROPE **3 credits**

The 17th century as a transitional phase of European History concentrating on the emergence of the modern nation state and the development of modern scientific thought. Highlights will emphasize the Thirty-Years War, the age of Baroque, and the contrast between the absolutist monarchy of France and the Parliamentary development in England. Further concern will be the decline of religious thought in favor of secular beliefs which led directly to the Age of Enlightenment and the important mercantilist theories of national economies.

51554 EIGHTEENTH CENTURY EUROPE **3 credits**

An examination of the development of this great age which launched Europe on the path of revolution. Important political and intellectual antecedents will be discussed followed by a thorough study of the ideas, institutions and society of 18th century Europe, and culminating in the French Revolution of 1789.

51555 THE INTELLECTUAL HISTORY OF WESTERN CIVILIZATION, (I, II)

(Approved 6/18/69) **3 credits each semester**

Prerequisite: 51511

The role played by human thought as both a cause and effect upon the trends of human development in western history. Special attention is given to the contrasts and comparisons of men and movements significant to man's perception of his social, economic and political environment.

51556 NINETEENTH CENTURY EUROPE 3 credits

An examination of the effects of the combined forces of nationalism, revolution and the Industrial Revolution upon the fabric of European political, social, and economic institutions. Special consideration will be given to the drives for national unity in Italy and Germany, and their effects upon the European balance of power prior to World War I.

51557 TWENTIETH CENTURY EUROPE 3 credits

An examination of Europe's efforts to recover from the first World War, to work out the self-determination policy of the Versailles Treaty, to survive the great depression, and to resolve the conflicts which precipitated World War II. The course will also examine the post-war problems of the United Nations, the cold war, the end of imperialism, the common market, and new regional pacts.

51558 THE EXPANSION OF EUROPE AND IMPERIALISM 3 credits

The period to be covered will be 1415 to the present and will include the formation of both the "old" and "new" empires, as well as a study of the modern relations between ex-colony and "mother country." Topics to be covered will be the initial European exploration and colonization of Asia and Africa as well as the "new world." The conflict of European nations leading to the loss of most of the "old" empire by England, France, Spain, Portugal, and Holland will be traced. The remainder of the course will be devoted to a study of the causes of the growth of the "new" empire under the general term imperialism. The emphasis will be on the race for territory in Asia and Africa. The final phase of the course will cover the rise of nationalism in the colonies, a survey of modern relations between colonizer and colonized, and a look at the remains of imperialism.

51559 HISTORY OF THE BRITISH ISLES 3 credits

A study of the significant changes in English politics and economics from the beginning of the early modern period with emphasis upon the evolution of Parliament, the structure of society, the growth of colonial empire, and the development of foreign relations. Special stress is given to the emergence of Ireland as a domestic issue. In succeeding terms the course will concentrate on different periods: Tudor (1485-1605), Stuart (1603-1714), Hanovarian (1714-1914), Twentieth Century (1914 to the present).

51561 HISTORY OF RUSSIA SINCE 1815 — 3 credits

A treatment of the foreign policy of the Nineteenth Century Tsarist regime in its attempt at expansion throughout southeastern Europe and the Middle and Far East. A survey will be taken of the policy of internal Russification, and the subsequent historical causes and effects of the Russian Revolution of 1917. The course will conclude with a detailed analysis of the post-Revolutionary Communist period.

51566 HISTORY OF LATIN AMERICA I & II

(3 credits each semester) 6 credits

A survey of the area south of the border of the United States. A brief study of the pre-Columbian period; the colonial policies of Spain and Portugal; the wars of liberation; the establishment of the twenty Latin American Republics; the importance of the inter-American system; and contemporary problems.

51571 SEMINAR: HISTORIOGRAPHY AND RESEARCH (Required for all History Majors) 3 credits

The writing of history concentrating on the major historians, schools, and interpretations. Philosophies of history and the relationship of history to other disciplines will be examined. Also included will be directed research involving topic selection, source selection and evaluation, and writing style and form. The culmination of the course will be a formal research paper.

51572 CONTEMPORARY LATIN AMERICA — 3 credits

A topical examination of Contemporary Latin America. The subjects to be covered include the social revolutions, education, militarism, and dictatorship, constitutionalism, communism, the Alliance for Progress, Pan Americanism, and Pan Hispanism.

51573 HISTORY OF THE FAR EAST, 1842 - 1965 — 3 credits

A study of the histories of China, Japan and Southeast Asia, the battle of European powers for economic concessions in China, development of Japanese hegemony, the effects of World War II throughout the area, and contemporary problems.

51577 AFRICAN HISTORY (I) 3 credits

The History of Africa is to be surveyed from prehistoric times to 1807. Topics covered will include an introduction to the geography, peoples and culture of the continent. More specialized topics will include studies of pre-historic Africa, Africa and the classical world, formation and history of sudanic and savanna states, Bantu migrations, African states of the east coast, initial European contacts with the continent, the slave trade and the beginnings of exploration.

AFRICAN HISTORY (II) 3 credits

The second half of the study of the History of Africa will be devoted to a survey of the period from the English anti-slave trade law of 1807 to the present. Topics covered will include the slave trade of the 19th century and its suppression, exploration of the continent, the impact of imperialism, the formation and administration of colonies, and the nationalist movements. There will be further specialized topics concerning modern Africa such as economic and political development, confrontation between the races, Africa in world affairs, and studies in depth of individual nations.

55521 AMERICAN NATIONAL GOVERNMENT (Approved 12/4/69) 3 credits

Fundamental course dealing with the constitution, congress, president, courts, and political party system of the American National government.

55523 COMPARATIVE EUROPEAN GOVERNMENTS 3 credits

The institutional approach will be employed to the study of governments of England, France, Germany, and the Soviet Union. The institutional approach considers the organizations of governments, their constitutional basis, their sources of legitimacy, and their methods of operation. This approach seeks to understand the workings of governments by an analysis of these components.

55532 STATE AND LOCAL GOVERNMENT

(Approved 12/4/69) 3 credits

Fundamental course dealing with the powers, organization, functions and intergovernmental relations of the state, county, municipality and other local governments.

55534 POLITICAL THEORY (I, II)

(Approved 6/18/69) 3 credits

Prerequisite: 51511

The development of political thought and its relation to cultural and institutional growth from the time of the Greeks through the Middle Ages and the rise of the modern state to the present. The fundamental political ideas which underlie the rise of the nation, state and significant theories concerning the factual and valuation aspects of the political process will be examined.

THE LAW ENFORCEMENT PERSONNEL DEPARTMENT

1. LAW ENFORCEMENT 9 CREDITS

53593 1. Urban Geography 3 credits

An analysis of basic geographic factors and their influences on the environment. Major emphasis on the differences between the environments of control and disorder.

85112 2A. Introduction to Law Enforcement 3 credits

Prerequisite: 53593

The law, its processes and functions.

85113 2B. Criminalistics 3 credits

Science of investigation of crimes, laboratory techniques, interpretation of data, elements of specific crimes.

2. POLITICAL SCIENCE — 9 CREDITS

85114 1. Constitutional Law — 3 credits

The Federal system under the Constitution of the United States, judicial review in constitutional cases, state and local rights and responsibilities.

85115 2. Criminal Law — 3 credits

Source and function of criminal law. Procedure in criminal cases, protection of the rights of individuals.

85116 3. Recent Supreme Court Decisions — 3 credits

Selected and pertinent cases, points of law and their ramifications.

3. PSYCHOLOGY — 9 CREDITS

41421 General Psychology — 3 credits

The study of human behavior with special reference to perception, learning, memory, thinking, emotional life, individual differences.

41432 2A. Adolescent Psychology — 3 credits

Prerequisite: 41421

The physical, social, emotional, intellectual and educational growth and development from childhood to young adulthood.

41438 2B. Abnormal Psychology — 3 credits

Prerequisite: 41421

The etiology, development and therapy of mental disorders. Psychodynamics of pathological behavior. Analyses of pathological behavior based on current theories of maturation, emotion and personality organization.

4. SOCIOLOGY 9 CREDITS

56581 Principles of Sociology 3 credits

An overall study of the concepts, principles, and theories of group behavior. Analysis of the components of culture and the structure of society.

56594 Criminology and Penology 3 credits

Prerequisite: 55581

Theories of criminal behavior. Types of crimes and criminals. Punishment, rehabilitation, and the prison community. Relationships between crime and the civilian community's institutions.

56595 Juvenile Delinquency 3 credits

Prerequisite: 56581

The nature and extent of delinquency as deviant and adjustive behavior; contributing factors, current treatment and prevention programs. The delinquent gang and the delinquent individual.

5. METROPOLITAN STUDIES 6 CREDITS

85122

Senior Seminar, individual study, clinical experience. Year-long investigation and integration of an aspect of Law Enforcement in the field and the Crime Research Center. A documented paper will be produced and reviewed in seminar sessions.

The work in Law Enforcement, Psychology and Sociology is to be scheduled as sequences. For instance, officers will be scheduled for the Introduction to Sociology in the Fall semester and both other courses, those numbered, 2A and 2B in the Spring semester.

THE MATHEMATICS DEPARTMENT

Chairman Alphonse J. Jackowski M.S. Associate Professor

71703 MATHEMATICS IN THE ELEMENTARY SCHOOL (K - 3) 3 credits

A course designed to reinforce the mathematical background and to enhance the effectiveness of the prospective elementary teacher. An integral part of the course is an investigation of the content, procedures, and materials of modern curricula for the elementary school.

71704 MATHEMATICS IN THE ELEMENTARY SCHOOL (4 - 6) 3 credits

Same as above.

71705 COLLEGE ALGEBRA 3 credits

Prerequisite: *Algebra I and II on the high school level,* 71711

Emphasis on the function concept, systems of equations, complex numbers, properties of determinants, permutations, combinations, variations and progressions, probability, and logarithms. Elective for B.S.E. majors above the freshman year.

71711 FUNDAMENTAL CONCEPTS OF MATHEMATICS (3 credits a semester) 6 credits

A two semester course in the fundamental concepts of mathematics designed to serve a two-fold purpose; 1) to provide the prospective teacher with the mathematical background necessary to teach the modern elementary and junior high school curricula, and 2) to provide the liberal arts student with a meaningful terminal course wherein structure and unifying concepts are emphasized. Topics include sets, methods of proof and disproof, number systems, geometry, mensuration, and relations and functions. Required of all freshman non-mathematics majors unless electing 71723-71733.

71721 TRIGONOMETRY 3 credits

Prerequisite: *High School Plane Geometry*

Solutions of right and oblique triangles, trigonometric functions and their inverses, trigonometric equations, and identities. Elective for non-mathematics majors above the freshman year.

71723 ANALYTIC GEOMETRY 3 credits

Prerequisite: 71721 *or its equivalent*

Relations between geometric figures and algebraic equations, cartesian and polar coordinates, conic sections, and transformations. Required of freshman in the A.B. mathematics program. Elective for non-mathematics majors above the freshman year.

71724 CALCULUS I 3 credits

Prerequisite: 71723

Functions, limits and derivatives, differentiation of algebraic functions and applications, integration, applications of the definite integral. Required of freshman in the A.B. mathematics program. Elective for non-mathematics majors.

71725 CALCULUS II 3 credits

Prerequisite: 71724

Polar coordinates, differentiation and integration of transcendental functions, techniques of integration. Required of sophomores in the A.B. mathematics program.

71726 CALCULUS III 3 credits

Prerequisite: 71725

Hyperbolic functions, partial differentiation, multiple integrals, and infinite series. Required of sophomores in the A.B. mathematics program.

71727 INTRODUCTORY ANALYSIS I 3 credits

Prerequisite: *Mathematics* 71726

Topology of the real number system, limits and continuity, differentiation, partial differentiation, Riemann-Stieltjes integration. Required of all mathematic majors who do not elect 71742.

71731 INTRODUCTORY TOPOLOGY I 3 credits

Prerequisite: *Mathematics* 71748

Point set topology, the real line, metric spaces, abstract topological spaces.

71733 MATHEMATICS I AND II (3 credits a semester) 6 credits

Prerequisites: High school Algebra I and II. Geometry and Trigonometry.

A course emphasizing the rigor, the modern approaches and the fundamentals required to pursue the major in mathematics successfully. Topics covered are elementary set theory, number fields, integral domains, groups, equations, inequalities, functions, logarithmic and exponential functions, trigonometry and limits.

71742 DIFFERENTIAL EQUATIONS 3 credits

Prerequisite: 71726

The meaning of differential equations, types and applications of different equations of the first order, integral curves, linear differential equations with constant coefficients, and applications of the linear differential equations of the second order are studied in this course. Required of A.B. mathematics majors who do not elect 71727.

71745 ELEMENTARY STATISTICS 3 credits

Prerequisite: 71711

Intended to provide knowledge and computational skills in statistical procedures necessary to apply research techniques to problems in education, psychology, and social sciences. The topics include nature of elementary statistics, nature of probability, sampling and sampling distributions, problems of estimation, tests of hypotheses, regression and correlation. Elective for non-mathematics majors.

71746 PROBABILITY AND STATISTICS 3 credits

Prerequisites: 71733 *or* 71705

The topics to be considered are analysis of data, elementary probability, binomial distribution, normal distribution, random sampling, large sample theory, small sample methods, testing hypotheses, theses, regression and correlation, Student's T distribution, chi-square distribution, F distribution, and analysis of variance. Required of A.B. mathematic majors.

71747 MODERN ABSTRACT ALGEBRA I 3 credits

Prerequisite: 71724

A study of groups, rings, integral domains and fields, with special emphasis on the real and complex fields. Required of juniors in the mathematics program.

71748 MODERN ABSTRACT ALGEBRA II — 3 credits

Prerequisite: 71747

Polynomial rings, cyclic groups, vector spaces, linear transformations, elementary theory of matrices and determinants. Required of juniors in the mathematics program.

71751 HISTORY OF MATHEMATICS — 3 credits

Prerequisite: 71725

A topical study of the history and development of mathematical discoveries from ancient to modern times. Elective for mathematics majors.

71752 FINITE MATHEMATICS — 3 credits

Prerequisite: 71711 *or* 71733

Compound statements, sets, sample spaces, the probability function, relation between probability and measurement theory, Bernoulli distribution, the normal curve, matrices, and convex sets. Elective.

71753 HIGHER GEOMETRY — 3 credits

Prerequisites: 71724 *and* 71725

An integrated course consisting of special topics of axiomatic geometry. A study of properties invariant under projection from both synthetic and analytic viewpoints, transformation theory, and non-Euclidean and metric projective geometries. Required of mathematics majors.

71756 THEORY OF NUMBERS — 3 credits

Prerequisite: *Mathematics* 71747

Properties of integers including congruences, primes and factorization, continued fractions, quadratic residues, linear diophantine equations and number theoretic functions. Elective.

THE MODERN FOREIGN LANGUAGE DEPARTMENT

Chairman Francesco A. Loiero Ph.D. Professor

Students who major in French or Spanish are required to complete a Bachelor of Arts Degree totalling 120 credits.

Students are advised to enroll in Modern Foreign Language strictly in accordance with previous preparation. Students continuing a language begun in high school are required to take only one year of the same language. If a language is begun in college, two years must be taken. All students are advised to complete their language requirements without a time-lapse between courses. No credit will be given for one semester of any elementary or intermediate course. All students, who are required to complete a language, are to complete a year of work at the Intermediate Level. One year of a language begun in College may be used as elective credit only.

Individuals majoring in programs other than Modern Foreign Languages may complete a concentration of eighteen credits of advanced work in a foreign language. All students are to consult the Chairman regarding their work and all students are obligated to acquire verbal language skills.

FRENCH

31111 ELEMENTARY FRENCH
(3 credits each semester) 6 credits

Fundamentals of French grammar and pronunciation. Simple conversational patterns and written practice. One extra hour per week of laboratory work is required.

ELEMENTARY FRENCH — Second half

Selected readings are studied. One extra hour per week of laboratory work is required.

31122 INTERMEDIATE FRENCH
(3 credits each semester) 6 credits

Prerequisite: 31111 *or the equivalent*

Review of French Grammar. Reading and translation of prose writers of average difficulty. One extra hour per week of laboratory work is required.

INTERMEDIATE FRENCH — Second half

More advanced phases of French syntax. Reading and translation of standard French authors. Reports on outside readings in French civilization. One extra hour per week of laboratory work is required.

31125 FRENCH CONVERSATION & GRAMMAR REVIEW 3 credits

Prerequisite: 3 *or* 4 *years of high school French and a relatively high score in the College Board Achievement Examination.*

Intensive conversational practice for improving intonation, expression, and fluency. Thorough review of language usage. Course will be conducted entirely in French.

31126 INTRODUCTION TO FRENCH CIVILIZATION 3 credits

Prerequisite: 31125

Middle Ages to the 20th Century. Emphasis on the relationship between the political, scientific, and social history, and the history of literature and the arts. Reading and discussion of French texts of graded difficulty.

31133 GENERAL VIEW OF FRENCH LITERARY CURRENTS (3 credits each semester) 6 credits

Prerequisite: 31122 *or* 31125 *and* 31126 *or the equivalent*

Reading and discussion of masterpieces portraying the main currents in French literature from the Middle Ages to the Romantic Period. The selections will be made in such a way as to make it possible for the student to read the complete or nearly complete texts of ranging degrees of difficulty. Oral and written reports on outside readings.

Second half

Romanticism to modern time. Required of majors as a prerequisite for other literature courses.

31144 ADVANCED FRENCH COMPOSITION AND CONVERSATION (4 credits each semester) 8 credits

Prerequisites: 31122 *or* 31125 *and* 31126

Exercise in composition; translation of representative French and English texts; study of grammatical idioms. Theory and practice of French sounds; meaning and use of everyday vocabulary designed to improve the student's fluency and to correct his pronunciation through recordings and intensive oral drills. Required of majors and open to others possessing the prerequisite by permission of the department chairman.

ADVANCED FRENCH COMPOSITION AND CONVERSATION — Second half

Studies in syntax, structure and idiomatic usage; original themes and conversations. Required of majors and open to others possessing the prerequisite by permission of the department chairman.

31145 MEDIEVAL AND RENAISSANCE LITERATURE 3 credits

Prerequisite: 31133

Evolution of literary forms from the earliest times to the end of the 16th century. Study of the Renaissance as represented by the Pleiade, Rabelais, and Montaigne.

31138 CLASSICS AND ENLIGHTENMENT 3 credits

Prerequisite: 31133

Triumph and decline of the classical ideal from the early 17th century to the French Revolution; the new trends in philosophy and aesthetics during the 18th century. A general survey of the works of Corneille, Moliere, Pascal, LaFontaine, Racine, Voltaire, Montesquieu, Diderot, Rousseau and others.

31151 ROMANTICISM, REALISM, SYMBOLISM 3 credits

Prerequisite: 31133

The development of the main literary schools of the 19th century as revealed in the theatre and in poetry from Victor Hugo to Rimbaud and Mallarmé.

31152 THE FRENCH NOVEL IN THE 19TH CENTURY 3 credits

Prerequisite: 31133

The evolution of the novel from 1800 to the beginning of the 20th century. Representative works of Stendhal, Balzac, Flaubert, Maupassant, Zola, and others.

31155 CONTEMPORARY FRENCH LITERATURE (Approved 12/2/67) 3 credits per semester

Prerequisite: 31133

Evolution of literary forms since 1900. Emphasis on the major dramatists: Cocteau, Giraudoux, Sartre, Anouilh, Beckett, Ionesco, Montherlant and others.

CONTEMPORARY FRENCH LITERATURE — Second half

A detailed study of some of the most representative novelists of the 20th century: Gide, Giono, Mauriac, Cocteau, Sartre, Camus, Duras, and others.

31165 READINGS IN FRENCH LITERATURE 3 credits

Prerequisite: 31133

Selected independent studies in French literature. May be repeated 3 times for credit.

SPANISH

32111 ELEMENTARY SPANISH

(3 credits each semester) 6 credits

Fundamentals of Spanish grammar and pronunciation. Simple conversational patterns. One extra hour per week of laboratory work is required.

ELEMENTARY SPANISH — Second half

Continuation of Spanish 32111; selected readings. One extra hour per week of laboratory work is required.

32122 INTERMEDIATE SPANISH

(3 credits each semester) 6 credits

Prerequisite: 32111 *or its equivalent*

Grammar review; readings and conversations on the culture of Spain. One extra hour per week of laboratory work is required.

INTERMEDIATE SPANISH — Second half

Readings and conversations on Latin or Spanish American Civilization. One extra hour per week of laboratory work is required.

32125 SPANISH CONVERSATION & GRAMMAR REVIEW 3 credits

Prerequisite: 3 *or* 4 *years of high school Spanish and a relatively high score on the College Board Achievement Examination.*

Intensive conversational practice for improving intonation, expression and fluency. Thorough review of language usage. Course will be conducted entirely in Spanish.

32126 INTRODUCTION TO SPANISH CIVILIZATION 3 credits

Prerequisite: 32125

Middle Ages to the 20th Century. Emphasis on the relationship between the political, scientific, and social history and the history of literature and the arts. Reading and discussion of texts in Spanish of ranging degrees of difficulty. One extra hour per week of laboratory work is required.

32133 GENERAL VIEW OF SPANISH LITERARY CURRENTS (3 credits each semester) 6 credits

Prerequisites: 32122 *or* 32125 *and* 32126

Reading and discussion of masterpieces portraying the main currents in Spanish literature from the Middle Ages to 1898. The selections will be made in such a way as to make it possible for the student to read the complete or nearly complete texts of ranging degrees of difficulty. Oral and written reports on outside readings. Required of majors as a prerequisite for other literature courses.

GENERAL VIEW OF SPANISH LITERARY CURRENTS — Second half

From 1898 to modern times. Required of majors as a prerequisite for other literature courses.

32144 ADVANCED SPANISH COMPOSITION AND CONVERSATION (4 credits each semester) 8 credits

Prerequisites: 32122 *or* 32125 *and* 32126

Exercise in composition; translation of representative Spanish and English texts; study of grammatical idioms. Theory and practice of Spanish sounds; meaning and use of everyday vocabulary designed to improve the student's fluency and to correct his pronunciation through recordings and intensive oral drills. Required of majors and open to others possessing the prerequisite by permission of the department chairman.

ADVANCED SPANISH COMPOSITION AND CONVERSATION — Second half

Studies in syntax, structure, and idiomatic usage; original themes and conversations. Required of majors and open to others possessing the prerequisite by permission of the department chairman.

32145 MIDDLE AGES THROUGH RENAISSANCE 3 credits

Prerequisite: 32133 *or equivalent preparation*

Evolution of Spanish Literature through the first half of the 16th century. Emphasis on the Poema del Cid, Lazarillo de Tormes, and the poetry of Garcilaso.

32148 THE GOLDEN AGE 3 credits

Prerequisite: 32133 *or equivalent preparation*

Poetry, prose, and theatre from the second half of the 16th century to the Baroque Age. Emphasis on the mystics, Gongora, Lope de Vega, Calderon, and Quevedo.

32151 ROMANTICISM AND REALISM 3 credits

Prerequisite: 32133 *or equivalent preparation*

Evolution of Spanish poetry and theatre in the Romantic Period and of the realistic novel in the second half of the 19th century.

32152 CERVANTES 3 credits

Prerequisite: 32133 *or equivalent preparation*

Cervantes' life and his minor works. Significance of El Quijote.

32153 CONTEMPORARY LITERATURE 3 credits

Prerequisite: 32133 *or equivalent preparation*

Theatre, prose, and poetry from the generation of 1898 to the present.

32156 SPANISH-AMERICAN LITERATURE 3 credits

Prerequisite: 32133 *or equivalent preparation*

Growth of the literature from the colonial period to the present. Emphasis on the contemporary Spanish-American novel.

32165 READINGS IN SPANISH LITERATURE 3 credits

Prerequisite: 32133 *or equivalent preparation*

Selected independent studies in Spanish literature. May be repeated 3 times for credit.

ITALIAN

33111 ELEMENTARY ITALIAN

(3 credits each semester) 6 credits

Fundamentals of Italian grammar and pronunciation; simple conversational patterns. One hour of laboratory work per week is required.

ELEMENTARY ITALIAN — Second half

Selected readings. One extra hour per week of laboratory work is required.

33122 INTERMEDIATE ITALIAN

(3 credits each semester) 6 credits

Prerequisite: 33111 *or its equivalent*

Readings from contemporary Italian authors. Conversational topics and reports on outside reading in Italian civilization. One extra hour per week of laboratory work is required.

INTERMEDIATE ITALIAN — Second half

More advanced stages of Italian syntax. Readings and translations of standard authors. Reports on outside readings in Italian civilization. One extra hour per week of laboratory work is required.

33125 ITALIAN CONVERSATION & GRAMMAR REVIEW 3 credits

Prerequisite: 3 *or* 4 *years of high school Italian and a relatively high score in the College Board Achievement Examination.*

Intensive conversational practice for improving intonation, expression, and fluency. Thorough review of language usage. Entirely in Italian. One extra hour per week of laboratory work is required.

33126 INTRODUCTION TO ITALIAN CIVILIZATION 3 credits

Prerequisite: 33125

Middle Ages to the 20th Century. Emphasis on the relationship between the political, scientific and social history and the history of literature and the arts. Reading and discussion of texts in Italian of ranging degrees of difficulty. One hour per week of laboratory work is required.

33133 GENERAL VIEW OF ITALIAN LITERARY CURRENTS (3 credits each semester) 6 credits

Prerequisites: 33122 *or* 33125 *and* 33126 *or the equivalent*

Reading and discussion of masterpieces portraying the main currents in Italian literature from the Middle Ages to the Romantic Period. The selections will be made in such a way as to make it possible for the student to read the complete or nearly complete texts of ranging degrees of difficulty. Oral and written reports on outside readings.

Second half

Romanticism to modern times. Required of majors as a prerequisite for other literature courses.

33145 MASTERPIECES OF ITALIAN LITERATURE 3 credits

Prerequisite: 33133

Selected readings from the works of Dante, Petrach, Boccaccio, Ariosto, Leopardi, Pirandello, and outstanding contemporary writers.

34111 ELEMENTARY GERMAN

(3 credits each semester) 6 credits

Fundamentals of German grammar and pronunciation. Simple conversational patterns and written practice. One extra hour per week of laboratory work is required.

ELEMENTARY GERMAN — Second half

Selected readings are studied. One extra hour per week of laboratory work is required.

34122 INTERMEDIATE GERMAN

(3 credits each semester) 6 credits

Prerequisite: 34111 *or equivalent*

Review of German grammar. Reading and translation of prose writers of average difficulty. One extra hour per week of laboratory work is required.

INTERMEDIATE GERMAN — Second half

More advanced phases of German syntax. Reading and translation of standard German authors. Reports on outside readings in German civilization. One extra hour per week of laboratory work is required.

34125 GERMAN CONVERSATION & GRAMMAR REVIEW

3 credits

Prerequisite: 3 *or* 4 *years of high school German and a relatively high score in the College Board Achievement Examination.*

Intensive conversational practice for improving intonation, expression and fluency. Thorough review of language usage. Course will be conducted entirely in German.

34126 INTRODUCTION TO GERMAN CIVILIZATION

3 credits

Prerequisite: 34125 *or equivalent*

Middle Ages to the 20th Century. Emphasis on the relationship between the political, scientific, and social history and the history of literature and the arts. Reading and discussion of German texts of ranging degrees of difficulty.

34133 GENERAL VIEW OF GERMAN LITERARY CURRENTS (3 credits each semester) 6 credits

Prerequisite: 34122 *or* 34125 *and* 24126
Readings and discussion of masterpieces portraying the main currents in German Literature from the Middle Ages to the Romantic Period. The selections will be made in such a way as to make it possible for the student to read the complete or nearly complete texts of ranging degrees of difficulty. Oral and written reports on outside readings. Required as a prerequisite for other German Literature courses.

GENERAL VIEW OF GERMAN LITERARY CURRENTS — Second half

From Romanticism to modern times. Required as a prerequisite for other German Literature courses.

34145 THE CLASSICAL PERIOD OF GERMAN LITERATURE 3 credits

Prerequisite: 34133
Lectures on the nature and background of the eighteenth century. Readings and discussion of representative works with emphasis on Lessing and Schiller.

GENERAL LANGUAGE

35146 GENERAL LANGUAGE AND LINGUISTICS 3 credits

An introduction to the science of language, phonology, morphology, semantics, and etymology. Particular stress is put on resemblances, differences, and relationships of English, French, German, Italian, and Spanish. Required of majors; open to qualified students by permission of the department chairman.

COMPARATIVE LITERATURE

The following courses are open to juniors and seniors only.

36171 RENAISSANCE — 3 credits

Origin and evolution in Italy and thence into France, Spain, England, and Germany.

36173 FRENCH LITERATURE AND WESTERN EUROPE — 3 credits

French classicism and rationalism; their impact on Western thought and literature in the 17th and 18th century.

36174 THE NAPOLEONIC ERA — 3 credits

Literature and culture of Europe and America during the Napoleonic Era.

36175 ROMANTICISM — 3 credits

Romantic movement in England, France, Italy, Germany, and Spain; literary movement related to the history and culture of the time.

36176 CONTEMPORARY EUROPEAN LITERATURE — 3 credits

Modern man as he appears in representative works of contemporary European literature.

36178 READINGS IN COMPARATIVE LITERATURE — 3 credits

Selected independent studies in comparative literature.

Candidates for the degree of Bachelor of Science in Education in Elementary Education may, with the permission of the chairman of Modern Foreign Languages and the chairman of Elementary Education, elect a minor in a Modern Foreign Language.

THE MUSIC DEPARTMENT

Chairman Dennis K. Kiely, Ed. D. Professor

The Music Department offers a basic curriculum which leads to a Bachelor of Arts degree with a concentration in music. In addition, Music Majors will elect a minor in: Music Theory, Music History, or Music Education. Required studies include:

General Education	44 hours
Music (Theory, History and Applied)	50 hours
Electives in a Music Minor	30 hours
	124 hours

Acceptance and retention in the Music Major Program is contingent upon a satisfactory level of proficiency on a major instrument or voice. The level of proficiency will be determined through a series of auditions resulting finally in a Senior recital.

Music Majors who are not pianists will be required to enroll in the basic piano class until an acceptable performance level has been achieved.

Students majoring in academic subjects other than Music may elect courses in the Music Major or Music Minor Programs if they are qualified.

Membership in the various college musical organizations is required of all Music Majors and Minors.

THEORY

11112 BASIC MUSIC THEORY 3 credits

A study of scale construction, intervals, syllables, numbers, clefs, rhythms and elements of form. Ear-training, sight-singing and diction are stressed. An introduction to Harmony.

11113 HARMONY I 3 credits

Prerequisite: *Basic Music Theory*

Basic chordal structures, inversions, progressions and non-harmonic tones. Keyboard harmony and ear training.

11114 HARMONY II 3 credits

Prerequisite: *Harmony I*

Dominant seventh and extended chords in root position and inversions. Modulation to closely related keys. Keyboard harmony and ear training.

11115 HARMONY III 3 credits

Prerequisite: *Harmony II*

Chromatic harmony and altered chords, augmented sixth chords, remote modulations, harmonic analysis, keyboard harmony and ear training. Harmonic contrapuntal techniques.

11116 HARMONY IV 3 credits

Prerequisite: *Harmony III*

Contemporary and contrapuntal techniques.

11117 COUNTERPOINT I 3 credits

Sixteenth century counterpoint in the style of Palestrina and his contemporaries. Species techniques in two or more parts.

11118 COUNTERPOINT II 3 credits

Prerequisite: *Counterpoint I*

Harmonic counterpoint of the eighteenth century. Emphasis on contrapuntal techniques of canon, invention, and fugue.

11119 FORM AND ANALYSIS I 3 credits

Prerequisite: *Music History and Harmony II*

An introduction to the stylistic analysis of the formal structures of music.

11121 **FORM AND ANALYSIS II** 3 credits

Prerequisite: *Form and Analysis I*

A continuation of Form and Analysis I. A critical study of the structures and forms of music leading to the analysis of contemporary music.

11123 **COMPOSITION I** 3 credits

Prerequisite: *Harmony II*

An introduction to basic compositional techniques in music. Creative work in the smaller instrumental and vocal forms.

11124 **COMPOSITION II** 3 credits

Prerequisite: *Harmony III and Counterpoint II.*

A continuation of Composition I with emphasis on creative writing in the larger instrumental and vocal forms.

11125 **COMPOSITION III** 3 credits

Prerequisite: *Harmony IV and Counterpoint II*

Creative composition using twentieth century techniques.

11126 **ORCHESTRATION** 3 credits

Prerequisite: *Applied Music Techniques, String Class*

The technical aspects of each instrument, ranges, transposition, score analysis and arranging for various combinations of instruments.

11122 **MUSIC HISTORY** 3 credits each semester

A chronological study of the history of music, presenting the development of music in Western civilization. First semester presents the music of the Middle Ages, Renaissance, and Baroque periods. Second semester presents the music of the Classic, Romantic, and Contemporary periods.

11127 **MUSIC IN THE MIDDLE AGES** 3 credits

Prerequisite: *Music History or permission of Instructor*

A chronological study of the history of music from antiquity through the late Middle Ages.

11128 **MUSIC IN THE RENAISSANCE PERIOD** 3 credits

Prerequisite: *Music History or permission of Instructor*

A study of the forms and styles and history of Western music from the Pre-Renaissance Era through the sixteenth century.

11129 **MUSIC IN THE BAROQUE PERIOD** 3 credits

Prerequisite: *Music History or permission of Instructor*

The history of music from 1600 to 1750 with emphasis on the music of Monteverdi, Bach, and Handel.

11131 MUSIC IN THE CLASSIC AND ROMANTIC PERIODS 3 credits

Prerequisite: *Music History or permission of Instructor*
A study of the forms and styles of music presenting the development of music from 1740 to 1900.

11132 MUSIC IN THE TWENTIETH CENTURY 3 credits

Prerequisite: *Music History or permission of Instructor*
The music of contemporary times with emphasis on the style of music from the late German Romanticists through Experimental Music.

11134 INTRODUCTION TO MUSICOLOGY 3 credits

An introduction to the field of music research, including the historical and scientific aspects of the subject. The course prepares the student for the study of musicology in graduate school. Required of all students who elect the concentration in Music History.

11135 CONDUCTING I 3 credits

Prerequisite: *Harmony II*
The development of conducting techniques applicable to instrumental and choral ensembles. Fundamental patterns are developed through experience gained conducting college ensembles.

11136 CONDUCTING II 3 credits

Prerequisite: *Conducting I*
Advanced instrumental and choral conducting. Score reading and analysis with emphasis on music of the Romantic and Contemporary periods.

11137 MAJOR INSTRUMENT OR VOICE 2 credits each semester

Private study on the major instrument or voice with an instructor approved by the Music Department. Auditions will be given at the end of each semester to determine the level of accomplishment.

11138 RECITAL CLASS 2 credits

A class to provide experience in performance, and preparation for the senior recital. Discussion, analysis, and evaluation of performance practices.

MUSIC ENSEMBLES — 1 credit per semester for each (Total of 7 credits)

11145 Concert Band

11145 Woodwind Ensemble

11145 Brass Ensemble

11145 Percussion Ensemble

11145 Jazz Ensemble

11146 Concert Choir

11147 Girls Glee Club

11148 Small Choral Ensembles

11139 APPLIED MUSIC TECHNIQUES I — 2 credits

A graduated course extending for three semesters, the course is designed for the development of performance skill on minor applied instruments and voice. First semester: brass and percussion. One class meeting per week for each instrument.

11141 APPLIED MUSIC TECHNIQUES II — 2 credits

Second Semester: Woodwinds and voice. One class meeting per week for each.

11142 APPLIED MUSIC TECHNIQUES III — 2 credits

Third Semester: Strings. Two class meetings per week.

11143 MUSIC APPRECIATION — 3 credits

The study of the basic materials of music. Masterpieces of music of each era from the Middle Ages through Contemporary Times will be analyzed with reference to form, style, and cultural background. Emphasis is on directed listening. (The course is offered each semester and does not presuppose a technical knowledge of music.)

11102 ELEMENTARY MUSIC METHODS 3 credits
Prerequisite: Basic Music Theory

Materials, procedures and techniques necessary for a developmental program of music instruction in the elementary grades. Involves a weekly assignment of music teaching in the College Laboratory School under supervision.

11103 SECONDARY MUSIC METHODS 3 credits
Prerequisites: Basic Music Theory, Conducting and Applied Music Techniques

Materials, procedures and techniques necessary for conducting a music program in the Junior and Senior High School. Choral and instrumental ensembles, general music classes and specialized music classes will be observed in secondary public schools of the area.

11105 MUSIC SUPERVISION AND CURRICULUM 3 credits
Prerequisites: Elementary Music Methods, Secondary Music Methods

Supervisory practices in music in the elementary and secondary schools. Organization of instruction in music, administration, finance, and evaluation are primary considerations.

11106 STUDENT TEACHING AND SEMINAR 6 credits

Student teachng in music in the College Laboratory School or off-campus public schools. Opportunity for experience in vocal and instrumental music in both the elementary and secondary schools.

11107 BASIC PIANO CLASS (1 credit per semester)
Total of 3 credits

Classroom instruction for non pianists designed to develop familiarity with the keyboard and fundamental playing skills.

Studio courses are omitted from programmed final examinations: Major Instrument or Voice, Ensemble, Conducting, Recital Class, Applied Music Techniques, and Composition.

THE PHILOSOPHY DEPARTMENT

Chairman Lawrence C. Foard, Jr., Ph.D. Assistant Professor

54514 INTRODUCTION TO PHILOSOPHY 3 credits

To acquaint the student with the philosophical examination of fundamental human questions. There will be readings and discussion concerning the (1) problems of knowledge, (experience, reason, scientific methods), (2) questions of reality (God, nature, self), and (3) problems of value (ethics and aesthetics).

54515 ETHICS 3 credits

Prerequisite: 54514

A study of classical and contemporary ethical theories and a critical examination of attempts to provide an intellectual framework for justifying ways of life.

54516 ELEMENTARY LOGIC 3 credits

An examination of the nature of critical thinking, including the functions of language as well as deductive and inductive methods.

54517 LIVING PHILOSOPHIES OF CHINA AND INDIA

Prerequisite: 54514

Persisting alternatives for individual and social action from the formative 6th Century B.C. to the contemporary cleavage between the disciples of Gandhi and those of Mao: non-violent mysticism, ethical humanism or Macchiavellian authoritarianism.

54518 MAN, GOD, AND THE WORLD IN CONTEMPORARY CULTURE 3 credits

Prerequisite: 54514

A non-technical survey of the Philosophical roots of modern literature, painting, drama, and cinema; readings, discussions, and field trips; papers or creative projects by students.

54521 ANCIENT WESTERN PHILOSOPHY (Approved 12/21/67) 3 credits

Prerequisite: 54514

Readings and discussions on selected philosophical problems considered by the pre Socratics, Socrates, Plato and Aristotle.

54523 MEDIEVAL WESTERN PHILOSOPHY
(Approved 12/21/67) 3 credits

Prerequisite: 54514

Readings and discussions on selected philosophical problems considered by the important Christian, Jewish, and Islamic philosophers from the time of Augustine of Hippo through the decline of medieval Scholasticism.

54524 MODERN WESTERN PHILOSOPHY
(Approved 12/21/67) 3 credits

Prerequisite: 54514

Readings and discussions on selected philosophical problems considered by the major philosophers from the development of "scientific objectivity" during the Italian Renaissance through the age of Darwin.

THE PHYSICAL EDUCATION DEPARTMENTS

Chairmen:	Men	F. Paul Bogan, M.Ed.	Associate Professor
	Women	Tilia J. Fantasia, Ed.D.	Associate Professor

For planning purposes Majors in Physical Education for Men and Majors in physical Education for Women, were approved by the *Board,* February 1969.

The following activities are offered by the Department of Physical Education for Women. (Approved 5/8/68)

Archery	Gymnastics
Badminton	Basketball
Basic Motor Skills	Riding
Basketball Officiating	Soccer
Bowling	Softball
Dance (Folk, Modern, Square)	Swimming—Life Saving
Elementary Games	Synchronized Swimming
Field Hockey	Tennis
Golf	Volleyball

It is hoped to expand the program by adding these:

Fencing	Skating
Skiing	Squash

The existing varsity program for women consists of: Field Hockey, Basketball and Tennis. We expect to add: Golf and Gymnastics.

The Department also offers in conjunction with the Women's Recreation Association, the following intramural activities: Badminton (Co-ed), Basketball, Bowling, Tennis, Volleyball (Co-ed).

Activities in the General Program for Men:

Archery	Horseback Riding (Men and Women)	Soccer
Badminton	Square Dancing	Softball
Bowling	Lacrosse	Swimming (Beginning)
Conditioning	Golf	Swiming (Life Saving)
Elementary Games	Horseback Riding (Intermediate)	Tennis
Handball	Horseback Riding (Advanced)	Touch Football
Track and Field	Volleyball	Weight Training
		Adapted Physical Ed.

83061 SCHOOL HEALTH EDUCATION (Approved 6/18/69) 3 credits

A comprehensive view of the school health program. Emphasis on the current school health problems and issues. Investigation of the environmental influences upon the health programs conducted in the schools. Provide information which will assist the classroom teacher (1) to recognize and deal with school health problems, and (2) to be aware of materials and sources of information useful in a Health curriculum.

83962 PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL 3 credits

Philosophy, program planning and methods of teaching children, guided observational experiences of children in schools, presentation of activities suitable in elementary school programs.

83063 PHYSICAL EDUCATION IN THE SECONDARY SCHOOL 3 credits

Philosophy, program planning and methods of teaching adolescents, guided observational experiences in secondary schools, presentation of activities suitable in secondary school programs.

83064 ANALYSIS AND TEACHING OF PHYSICAL ACTIVITIES 1 - 3 3 credits

Analysis of performance and methods of teaching selected physical activities.

83065 ADVANCED ANALYSIS AND TEACHING OF PHYSICAL ACTIVITIES 3 credits

Concentration in one area studied in Analysis and Teaching of Physical Activities and one indivdual sport.

83070 STUDENT TEACHING I 3 credits

Initial exposure to teaching at the elementary level. Supervision by Westfield State College faculty and cooperating school.

83080 STUDENT TEACHING II 6 credits

Observation and teaching at the elementary and/or secondary levels; development and understandings of school and community; conduct of classes and extra class activities. Emphasis in continuity of units, lessons and daily evaluations; supervision by cooperating school and Westfield State College faculty; individual conferences and group sessions.

83112 INTRODUCTION TO PHYSICAL EDUCATION 1 credit

Introduction to the history, objectives, literature, and organization of the physical education profession, discussion of responsibilities and opportunities of professional personnel.

83113 HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION 2 credits

Preview of history of physical education, the place and function of physical education in education and society, identification of principles for development of sound programs.

83114 KINESIOLOGY 3 credits (Includes Lab)

Prequisite: Physiology and Anatomy

Science of human motion, analysis of leverage in body movement and problems of readjustment in relationship to body mechanics and to physical activity as it relates to an understanding of skillful, efficient and purposeful human motion.

83115 PHYSIOLOGY OF EXERCISES 3 credits (Includes Lab)

Prerequisite: Anatomy and Physiology

Study of the immediate and long range effects of exercise upon the human body. Emphasis on the circulatory and respiratory systems, training scientific foundations of physical fitness, survey of related research.

83116 CORRECTIVE AND ADAPTIVE PHYSICAL EDUCATION 2 credits

Examination techniques for recognition of atypical conditions, characteristics and problems of the atypical, selection and adaptation of physical activities to meet individual needs.

83117 MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION 3 credits

Construction, use, selection, and interpretation of evaluative tools applicable to physical education, elementary statistical methods.

83118 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION 3 credits

The organization and administration of programs of physical education with emphasis on the elementary and secondary school programs.

83212 ANATOMY AND PHYSIOLOGY 4 credits

Gross anatomy and physiology of the human skeletal, muscular, nervous and circulatory systems.

83213 CARE AND PREVENTION OF ATHLETIC INJURIES 2 credits

The training procedures in athletic programs, special emphasis on the prevention of athletic injuries, role of trainer, athletic coach, and health services.

83214 PHYSICAL EDUCATION SKILLS 1-5 5 credits

Development of knowledge and skills necessary for competent performances in selected activities.

83215 CAMP LEADERSHIP AND OUTDOOR EDUCATION I, II 6 credits

Three week resident camp. Emphasis on knowledge, skill development, teaching proficiencies in several phases of camping, conservation and outdoor education. Study of camp leadership, counselor education and school camping.

83216 FOUNDATIONS OF HEALTH 3 credits

Study of the basic health problems of college students, discussion and investigation of current health problems as drugs, alcohol, and smoking, sexual behavior, emotionality.

83217 SEMINAR IN PSYSICAL EDUCATION 2 credits

Individual research and independent study related to a particular phase of physical education.

THE PHYSICAL SCIENCE DEPARTMENT

Chairman Albert J. Genua Ph.D. Professor

The Physical Science Department is a service department for the other majors offered at Westfield and also offers major work for candidates who elect to major in General Science. Courses approved 10/30/60.

62611 ORGANIC CHEMISTRY
(4 credits each semester) 8 credits

Prerequisite: *General Inorganic Chemistry* 62677

A survey course dealing with the structure of organic molecules, nomenclature, functional groups, bonding stereochemistry, nucleophilic and electrophilic substitutions and additions, and oxidation-reduction. Attention will be given to the application of Chemistry to the life sciences. 3 hours lecture, 3 hours laboratory per week

62622 ORGANIC CHEMISTRY LABORATORY (required with 62611)

64621 SURVEY OF PHYSICS — 4 credits

This is a treatment of fundamentals in the mainstream of physics. Topics include force and motion, energy and momentum, vibrations and waves, structure of matter, electricity and magnetism, and light. 3 hours lecture, 2 hours laboratory per week

Note: This course would be given in the first or second semester of the freshman year to those who did not have physics in high school. It would serve as a much needed prerequisite to the later General Physics 64688. This course is not an elective. It is not for students who have had physics in high school. It is an addition to the requirements of the major.

64631 SURVEY OF PHYSICS LABORATORY

(required with 64621)

64623 MODERN PHYSICS — 4 credits

Prerequisite: 64688

The classical principles of physics including vector treatments of mechanics, kinematics, dynamics, wave energy, thermodynamics, alternating current electricity, electromagnetic wave theory, optics, and nucleonics are covered. Particular emphasis is given to such concepts as interference and diffraction optics, spectra, radioactivity, fundamental particles, relativity, space, cryogenics, and plasma physics.

64624 MODERN PHYSICS LABORATORY

(required with 64623)

64625 MECHANICS — 2 credits

Concepts of force, accelerated motion, work and energy, simple machines, elasticity, and the molecular and atomic theory of matter. Two lectures and two laboratory periods per week. Seven and one half weeks.

64626 HEAT AND SOUND — 2 credits

Thermometry, thermal expansion, work and heat, heat transfer, heat engines, wave motion, and characteristics of sound. Two lectures and two laboratory periods per week. Seven and one half weeks.

64627 LIGHT — 2 credits

Propagation and photometry, reflection, refraction, properties of mirrors and lenses, optical instruments, and color phenomena. Two lectures and two laboratory perods per week. Seven and one half weeks.

64628 MAGNETISM AND ELECTRICITY — 2 credits

An elementary study of magnetism, static electricity, electric currents, Joule's Law, electronic circuits, induced electromotive forces, and transformers. Two lectures and two laboratory periods per week. Seven and one half weeks.

64629 PHYSICAL SCIENCE — 3 credits

Investigates the basic concepts of physics as included in an elementary study of mechanics, heat, sound, light, magnetism, and electricity. Carefully selected problems provide application to everyday experiences. Three lectures and one laboratory period per week.

64634 EARTH AND SPACE SCIENCE — 3 credits

An elementary treatment of the earth and its motions, its crust, rocks and minerals. Our place in the solar system, the moon and planets, comets and meteors, the sun, stars and nebulae, galaxies, and constellations are introduced. Three lectures and one laboratory period per week.

62633 ANALYTICAL CHEMISTRY

(4 credits each semester) 8 credits

Prerequisite: *General Chemistry* 62677

Lectures, discussions, and laboratory work covering the fundamentals of analysis. Work will include gravitational and volumetric analysis. Procedures will include acid-base titrations, redox reactions and precipitation reactions.

3 hours lecture, 3 hours laboratory per week

62644 ANALYTICAL CHEMISTRY LABORATORY

(required with 62633)

63641 ASTRONOMY 3 credits

Through lectures, discussions, and demonstrations the students become familiar with the solar system, planetary and stellar motions, the physical characteristics of stars, the galaxies, our calendar, astronomical time and calculations, cosmogony, and space travel speculations.

63642 GEOLOGY 3 credits

A systematic examination of the minerals which compose the earth's crust and the processes of weathering and erosion which sculpture the crust. Structural, tectonic and other long term activities are investigated.

64645 ELECTRONICS 4 credits

Electrostatics, electromagnetics, and the theory and applications of vacuum tubes and solid state devices comprise the backbone of this course. The role of the electron is studied in such fields as communications, telemetry, computers, and the instrumentation being used in the non-physical sciences.

3 hours lecture, 2 hours laboratory per week

64646 ELECTRONICS LABORATORY

(required with 64645)

62655 PHYSICAL CHEMISTRY

(4 credits each semester) 8 credits

Prerequisite: *General Chemistry* 62677

Laws and nature of gases, liquids and solids. Properties of solutions and thermochemistry. Study will include equilibria, chemical kinetics and electrochemistry. Required of all chemistry majors.
3 hours lecture, 3 hours laboratory per week

62666 PHYSICAL CHEMISTRY LABORATORY

(required with 62655)

62677 GENERAL INORGANIC CHEMISTRY

(4 credits each semester) 8 credits

During the first semester the fundamental concepts of chemistry are presented, including the descriptive chemistry of familiar elements and inorganic compounds as related to atomic, molecular, or crystal structure and to position in the Periodic System. The second semester includes ionic equilibria, ionic separation and quantitative experiments to show the exactness of chemical relationships. Throughout the course emphasis is placed on the solution of related problems.
3 hours lecture, 3 hours laboratory per week

62777 CHEMISTRY LABORATORY

(required with 62677)

64688 GENERAL PHYSICS (4 credits each semester) 8 credits

The first semester includes a study of the principles of mechanics, heat and sound and the application of these principles to the physical phenomena of the universe. The second semester deals with the laws governing light, magnetism, and electricity, together with their applications in the contemporary world. Throughout the course, emphasis will be placed on the solution of related problems.
3 hours lecture, 2 hours laboratory per week

64699 GENERAL PHYSICS LABORATORY

(required with 64688)

64699 PHYSICS SEMINAR 3 credits

Prerequisites: 64688; *Approval of Department Chairman*

An elective course concerned with the exploration and development of original ideas involving physics lecture demonstrations, laboratory experiments, and contemporary topics. Emphasis is placed on individual student effort in the library and laboratory with periodic consultation and discussion as required.

THE PSYCHOLOGY DEPARTMENT

Chairman Joseph F. Perez, Ph.D. Professor

The Psychology Department offers a major in Psychology and preparation for psychological services in the schools including Guidance Counseling. The department provides a background for all professional work in which an understanding of human behavior is important.

It is recommended that all persons who wish to work as psychologists obtain at least one graduate degree in Psychology. Also, the department believes that a broadly based Liberal Arts undergraduate and graduate background with a major in Psychology is essential to understanding the richness and diversity of human behavior.

Note: The work in Education offered in this program *does not lead to* preparation for teaching *nor to* certification as a teacher.

41421 GENERAL PSYCHOLOGY 3 credits

The study of human behavior with special references to perception, learning, memory, thinking, emotional life; individual differences in nature of psychological investigations. Research methods are discussed and results are related to daily life and everyday problems.

41423 PSYCHOLOGY OF LEARNING 3 credits

Prerequisite: 41421

The study of the psychological concepts in educational practices, including the nature and sources of individual differences and readiness, learning, theories, motivations, emotions and the evaluation of learning techniques.

41431 CHILD PSYCHOLOGY 3 credits

Prerequisite: 41421

The systematic study of the organismic changes in the child from birth to adolesence, and of the importance of maturation, growth and social learning in effecting these changes. Attention is focused on factors in personality and emotional development.

41432 ADOLESCENT PSYCHOLOGY **3 credits**

Prerequisite: 41421

The focus is on the adolescent, the physical and mental aspects of his growth, the nature of fantasies, his emotional development, his interpersonal life, and his perception of the academic and vocational life. Several lectures involving adolescent dynamics (both needs and defenses) are also included. Lectures and class discussion will be the prime modes of instruction.

41434 SOCIAL PSYCHOLOGY **3 credits**

Prerequisites: 41421 *and* 41423

Individual psychology in the social setting. Basic processes of interaction, enculteration, prejudice, attitudes and such institutions as church, family, and school. General Psychology Elective for juniors and seniors.

41435 THEORIES OF PERSONALITY **3 credits**

Prerequisites: 41421 *and* 41423

The major theories of personality, including those of Freud, Jung, Sullivan, Allport and Rogers. Comparisons and contrasts of these theories are made and the implications drawn will be discussed and applied to counseling, psychotherapy and education.

41437 THEORIES OF LEARNING **3 credits**

Prerequisites: 41421 *and* 41423

The nature of learning as well as theories, issues and developments. A systematic examination of learning theories. Psychology majors only.

41438 ABNORMAL PSYCHOLOGY **3 credits**

Prerequisites: 41421 *and* 41423

The etiology, development and therapy of mental disorders. Stress will be on the psychodynamics of pathological behavior. Consideration will be given to various forms of unusual behavior including anxiety states through psychosis. Analyses of pathological behavior will be based on current theories of maturation, emotion and personality organization.

41441 HISTORY AND SYSTEMS **3 credits**

Prerequisites: 41421 *and* 41423

Aims to familiarize the student with the antecedents of modern phychology, the rise of experimental psychology as a science, the British, German, and American schools of psychology, and contemporary psychological systems.

41442 STATISTICS FOR PSYCHOLOGISTS 3 credits

Prerequisites: 41421 *and* 41423

The application of statistical methods to current research problems in Psychology. The selection of procedures appropriate to problems, performance of the procedures; interpretation of outcomes; data tabulation and reduction; measures of central tendency and variability; association; correlation and prediction; tests of significance, t-test; chi-square and analysis of variance.

41444 EXPERIMENTAL DESIGN I AND II (3 credits each semester) 6 credits

Prerequisite: 71745

A full year course in the methods and theory of experimental psychology, stressing selected topics from the areas of sensation, perception and learning. A thorough grounding in laboratory methods is the focus of this course. Each student will be required to design, conduct and interpret experiments in the major areas under consideration. Two lectures and two laboratory periods per week for two semesters. Psychology majors only.

41445 PHYSIOLOGICAL PSYCHOLOGY 3 credits

Prerequisites: 41421 *and* 41423

The focus is on the study of the psychological correlates of behavior. Special attention will be given to the physiological and neural aspects of emotions, motivation, and learning. Psycho-physiological factors of health, disease, psychosomatics and chemotherapy will be included.

41446 COMPARATIVE PSYCHOLOGY 3 credits

A study of the similarities and differences in the behavior of animals, ranging from the unicellular to non-human primates. The course will stress comparative learning, but aspects of such topics as instinctive behavior, psychophysiology, and social behavior will also be discussed. Psychology majors only.

41455 INDEPENDENT STUDY LEADING TO THE MAJOR PAPER (3 credits each semester) 6 credits

The student, under supervision of his major advisor, will be expected to conceive, design and carry out an experimental project, field study, or scholarly research paper. Psychology majors only.

41456 ETHICS AND CURRENT PROFESSIONAL PROBLEMS 3 credits

The current issues in American psychology. Some of the topics treated are: counselor education, responsibilities to the client, counselor integrity, problems attendant to private practice and licensing. Psychology majors only.

41461 COUNSELING TECHNIQUES 3 credits

Prerequisites: 41421 *and* 41423

Designed to help counselors to develop an understanding of the helping relationship in dealing with persons having educational, vocational, interpersonal and intrapersonal problems. Techniques of counseling will be stressed. Elective for juniors and seniors.

41462 PRINCIPLES OF GUIDANCE 3 credits

Prerequisite: 41421

Introduces the student to the basic principles, philosophy, history and current developments in guidance. Emphasis will be on the values of the guidance movement today.

41463 ORGANIZATION AND ADMINISTRATION OF THE GUIDANCE PROGRAM 3 credits

Prerequisite: 41461

Considers the goals, techniques, and administrative problems involved in organizing and administering a guidance program. The place of guidance in the society generally and the school in particular will be studied. Problems of physical facilities and cost, and the utilization of community resources and inservice training will be discussed.

41464 OCCUPATIONAL INFORMATION 3 credits

Prerequisite: 41461

The study of the history of occupations, work classification, job families and job descriptions. Current occupational information and the Dictionary of Occupational Titles.

THE SECONDARY EDUCATION DEPARTMENT

Chairman Robert Saisi, Ed.D. Professor

The Department of Secondary Education, in cooperation with the other departments of the College, offers preparation for teaching through the:

Bachelor of Science in Education in General Science Education

Bachelor of Arts in:

Art

English

History

Mathematics

Modern Foreign Languages

Social Science

Certification. Those who complete a specified program, in a satisfactory manner, are recommended to the State Department of Education for certification.

Students who elect to major in Secondary Education and to qualify as certified secondary school teachers are to complete a minimum of twenty-four (24) credit hours in the professional sequence.

Required Courses:	Credits
Psychology of Learning	3
Adolescent Psychology	3
Teaching and Learning	4
Student Teaching	6
Educational Philosophy and the Secondary School	3
or	
Historical Foundations of Education	

Elective Courses:	Credits
Structure and Functions of the Secondary School	3
Contemporary Issues in Secondary Education	3
Interpersonal Relations in the Classroom	3
Curriculum Development in the Secondary School	3
Student Evaluation in the Secondary School	3
Introduction to Data Processing	3
Educational Media	3
Teaching Reading in the Secondary School	3
The Inner City Secondary School	3
The Middle School	3

CURRICULUM PATTERN

1. Effective Fall, 1970 all classroom courses except

   Teaching and Learning: *Secondary Level* will be offered for three credits on an eight - week schedule with six meetings per week. This change is based on the rationale that:

   1. the teaching-learning process is more effective when the time interval between meetings is lessened.
   2. department courses may be offered with greater frequency.

Teaching and Learning: *Secondary Level,* a four credit interdepartmental course which meets every day of the week, will remain on the sixteen-week schedule.

Effective Fall of 1970 the Clinical Experience will be offered during both semesters. It will remain a six credit eight-week course with the student having the option to elect an additional eight-week student-teaching experience if he so desires.

00037 TEACHING READING IN THE SECONDARY SCHOOL — 3 credits

The psychology of the reading process will be presented through applying the basic concepts in the field of reading at the secondary level. Participants will examine the structure of word recognition, word study skills, evaluation within reading, critical reading, and rate comprehension. Concurrently, students will examine developmental reading programs and apply procedures and techniques for teaching in the subject matter areas.

00054 INSTRUCTIONAL MEDIA — 3 credits

Introduction to field of audio-visual education designed to develop the student's skill in use of variety of instructional materials in the classroom. Emphasis will be placed upon both educational characteristics of the various materials and laboratory practice in the operation of instructional equipment. Students will be offered adequate opportunity to operate equipment, to develop materials of their own, and to do research in their areas of specialization. 00054 is shaped for grades 7-12.

00060 STRUCTURE AND FUNCTIONS OF THE SECONDARY SCHOOL (Approved 12/18/69) — 3 credits

Discussion of various aspects of the secondary school program including co-curricula activities, scheduling, fiscal procedures, legal responsibilities, public relations, systematic environment, and other areas of relationships and interaction. Emphasis will be placed upon the interdependence of the separate component parts of the modern secondary school and the role functions of the secondary school. On site visits to selected secondary schools, research projects (group and individual), and evening discussion panels with members of the various component parts will be part of the course requirements.

00061 HISTORICAL FOUNDATIONS OF EDUCATION — 3 credits

Discussion of the American School from the colonial era to the present—its ideas, movements, intentions, goals—in the context of other social movements to enable the student to better evaluate current educational problems and to be better prepared to participate in making educational policies that will further the needs of American society. Emphasis will be placed upon the historical development of the American secondary school.

00062 CONTEMPORARY ISSUES IN SECONDARY EDUCATION 3 credits

Analysis of major social forces affecting secondary education. Exploration of various underlying educational policies; examination of contemporary social, cultural, economic, and political issues and their impact on the secondary school.

00063 THE INNER-CITY SECONDARY SCHOOL 3 credits

Analysis of the recent socio-economic and cultural developments affecting secondary education in the inner-city. Factors which impede the teaching-learning process in the inner-city secondary school will be studied: poverty, migrations south to north and from country to the city; technological change and its increasing demands on schooling; differences in culture and value systems; cognitive and linguistic disadvantages. On site visits to selected secondary schools will be part of the course requirements.

00064 EDUCATIONAL PHILOSOPHY AND THE SECONDARY SCHOOL 3 credits

Study of the relationship between philosophic principles and the actual day-to-day practice of education at the secondary level. Discussion of basic philosophical questions; detailed description and analysis of the principal types of philosophical thought; appraisal of the impact of the major philosophies upon new practices as well as long-established procedures in secondary education. It is suggested that Introduction to Philosophy be taken prior to this course.

00067 INTERPERSONAL RELATIONS IN THE CLASSROOM 3 credits

Examination and analysis of the theory and practice of interpersonal and group relations. Appraisal of the processes which produce greater awareness of oneself, heightened sensitivity to others, and improved human relations in classroom practice. Emphasis upon learning to deal with individuals and groups with greater understanding and skill.

00068 CURRICULUM DEVELOPMENT IN THE SECONDARY SCHOOL 3 credits

Discussion of the issues involved in program development at the secondary level. Analysis of factors which aid or impede curriculum change, including philosophic bases, social-cultural forces, and other values underlying various approaches to curriculum development and revision. Examination of current trends in secondary school curriculum.

00069 STUDENT EVALUATION IN THE SECONDARY SCHOOL — 3 credits

Appraisal of the development and significance of educational measurements as they relate to the secondary school student. Emphasis on uses and limitations of standardized tests; construction, validation, and limitations of classroom tests; analysis, interpretation, and utilization of test results.

00070 TEACHING AND LEARNING: SECONDARY LEVEL — 4 credits

Prerequisite: 41423

Preparation for direct experience at the secondary level. In-depth study of the: evaluation of educational principles viewed empirically; basic needs of the secondary school student; determinants of attitude and motivation in relation to the secondary school student's immediate and long-range goals; general and specific teaching methods. Emphasis on flexibility in selection and utilization of teaching methods. Interdepartmental team teaching to include large group, small group, and individualized instruction. The student will be provided with pre-student teaching classroom observation and clinical experience.

00071 THE MIDDLE SCHOOL — 3 credits

An exploration of the ideas which underlie the conception, development, purposes, organization, and curricula of the middle school. Instruction and guidance functions will be considered in relation to the needs and characteristics of young adolescents.

00095 CLINICAL EXPERIENCE—first 8 weeks — 6 credits

Prerequisite: 00070

Involves eight-weeks of student teaching in a selected secondary school under the joint supervision of an experienced cooperating teacher and college supervisors. The student assumes increasing responsibility for classroom instruction and for extra-class activities expected of a teacher in his subject field. The student also participates in the seminars concerned with his teaching experiences.

00096 CLINICAL EXPERIENCE—second 8 weeks — 6 credits

(See 00095)

00097 INTRODUCTION TO DATA PROCESSING

Introduction to the basic rudiments of unit record and computer equipment, including both hardware and software used in data processing installations. Included will be an examination of programs used for administrative, instructional, business, and research purposes that require modern data processing equipment. Both old and new data processing techniques, with their associated advantages and disadvantages, will be examined in detail. Opportunity for viewing some of the equipment discussed will be possible both on and off campus. Guest speakers will be used when available for areas requiring more technical knowledge and equipment, such as *Shared Time* programming. It is intended that this course will be one of a familiarization nature rather than one which would lead to the acquisition of specific skills to be used in data processing.

BACHELOR OF ARTS IN SOCIAL SCIENCE

(Approved January 17, 1969)

(Approved Board of Trustees June, 1969)

The Social Science Department

Chairman C. Wendell King, Ph.D. Professor

The major in Social Science relies on the course offerings of every other department, particularly on Economics, Geography, History, Political Science, Psychology, and Sociology.

THE SOCIOLOGY DEPARTMENT

Chairman John J. Donovan, Ph.D. Professor

56581 PRINCIPLES OF SOCIOLOGY 3 credits

An overall study of the concepts, principles, and theories of group behavior. Analysis of the components of culture and the structure of society.

56582 SURVEY OF SOCIAL THOUGHT 3 credits

Prerequisite: 56581

Thought from Hammurabi to Comte. A presentation of selected social ideas that constitute an important part of the intellectual heritage of mankind. Emphasis is placed on comprehension and critical evaluation of living ideas.

56583 SURVEY OF SOCIAL THOUGHT II 3 credits

Prerequisite: 56581

A descriptive and critical study of the development of sociological theory from Comte to the present.

56584 THE FAMILY 3 credits

The family as a social institution, affected by and affecting other institutions. Materials on marriage and family patterns in non-industrial societies will be included, but the main focus will be on changes in the structure and functions of the family in modern societies, particularly in the United States.

56585 URBAN SOCIOLOGY 3 credits

Prerequisite: 56581

The growth and structure of urban communities. The social institutions, processes, problems, and relationships within the urban environment. Urban planning and development.

56586 SOCIAL CHANGE 3 credits

Prerequisite: 56581

Theories of social change with respect to the origins of innovations and their acceptance or rejection. Analysis of such sources as social movements, technology, and social planning in modern and developing societies.

56587 RACE AND ETHNIC RELATIONS 3 credits

A study of the phenomena which arise when human groups who consciously differ racially and culturally interact. Also theories and methods to reduce or eliminate prejudice and discrimination against "minority" groups.

56589 SOCIAL PROBLEMS — 3 credits

Prerequisite: 56581

A study of contemporary American society in the light of selected problems and the application of sociological concepts, methods, and principles to these problems.

56591 SOCIAL STRATIFICATION — 3 credits

A study of social class or rank and how these class differences and class factors influence almost all aspects of human interaction.

56592 CULTURAL ANTHROPOLOGY — 3 credits

The development of early man and his culture. Major dimensions of culture among contemporary tribal and peasant peoples.
Cultural change and stability.

56593 SOCIOLOGY OF RELIGION — 3 credits

Prerequisite: 56581

A study of some aspects of religion on social and cultural levels. Fundamental concepts, processes, organization and disorganization factors. Integrating force of religion and the social order.

56594 CRIMINOLOGY AND PENOLOGY — 3 credits

Prerequisite: 56581

Theories of criminal behavior. Types of crimes and criminals. Punishment, rehabilitation, and the prison community. Relationships between crime and the civilian community's institutions.

56595 JUVENILE DELINQUENCY — 3 credits

Prerequisite: 56581

The nature and extent of delinquency as deviant and adjustive behavior, contributing factors, current treatment and prevention programs. The delinquent gang and the delinquent individual.

All courses approved 12/18/69

COURSE NUMBERS

The courses offered by the Departments of the State College at Westfield are numbered in the following manner.

The first two digits identify the department and the division, day or evening, undergraduate and graduate.

The next three digits identify the course and the duration of the course. Repeated digits in position 4 and 5 mean that the full course lasts one year—two semesters.

The sixth digit is used by the Registrar to identify the session when the course is completed.

1 = Fall, first semester

2 = Spring, second semester

3 = Summer, first semester

4 = Summer, second semester

5 = Repeat, first semester

6 = Repeat, second semester

Schematically

X X	X X X	X
Department	Course number	Semester completed
	repeated digits mean two semesters of work	

00 Education
11 Music
12 Art
21 English
31 French
32 Spanish
33 Italian
34 German
35 General Language
36 Comparative Literature
41 Psychology
51 History
52 Economics
53 Geography
54 Philosophy
55 Political Science
56 Sociology
61 Biology
62 Chemistry
63 Earth Science
64 Physics
71 Mathematics
81 Men's Physical Education
82 Women's Physical Education
83 General Physical Education
85 Law Enforcement
97 Continuing Studies — Undergraduate
98 Continuing Studies — Undergraduate and Graduate
99 Continuing Studies — Graduate

Any course number carrying a zero is directly associated with Teacher Education.

WESTFIELD STATE COLLEGE

College Calendar 1970 - 1971

1970	S	M	T	W	T	F	S
Sept.			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30			

Sept. 7—Labor Day
16—New Faculty Orientation
17—General Faculty Meeting 10:30 a.m. Bates 117
18—Dept. Chairmen 10:00 a.m.
16-18—Freshman Days
21—Fall Semester Begins

1970	S	M	T	W	T	F	S
Oct.					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31

Oct. 12—Columbus Day

1970	S	M	T	W	T	F	S
Nov.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30					

Nov. 13—First Quarter Ends — 38 days
11—Veterans' Day—Holiday
23—Monday becomes Wednesday
24—Tuesday becomes Thursday
25—College closes at end of morning for Thanksgiving — 12:20 p.m.
30—Fall semester resumes

1970	S	M	T	W	T	F	S
Dec.			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		

Dec. 19-Jan. 3—Christmas vacation

1971	S	M	T	W	T	F	S
Jan.						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						

Jan. 4—Fall Semester resumes
21-29—Examination Days
29—End of Second Quarter — 43 days

1971	S	M	T	W	T	F	S
Feb.		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28						

Feb. 1-5—Winter Week—no session
8—Opening Spring Semester
15—Washington's Birthday — Holiday
17—Wednesday becomes Monday

1971	S	M	T	W	T	F	S
March		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			

1971	S	M	T	W	T	F	S
April					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	

April 2—End of third Quarter — 39 days
9—Good Friday
9-18—Easter Vacation
19—Patriot's Day—Holiday
20—Spring Semester resumes
28-May 14—Art's Festival

1971	S	M	T	W	T	F	S
May							1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31					

May 27-June 7—Examinations
31—Memorial Day — Holiday

1971	S	M	T	W	T	F	S
June			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30			

June 8-9—Make-up examinations
10—General Faculty Meeting
11—Department Chairmen — 10:30 a.m.
Department Meetings — 1:30 p.m.
11—4th Quarter Ends—43 days
13—Commencement

College Calendar 1971 - 1972

1971	S	M	T	W	T	F	S
Sept.				1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30		

Sept. 6—Labor Day
15—New Faculty Conference
16—General Faculty Conference (10:30 a.m. Bates 117)
17—Department Chairmen 10:00 a.m.
Department Meetings 1:00 p.m.
15, 16, 17—Freshman Days
20—Fall Semester Begins

1971	S	M	T	W	T	F	S
Oct.						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						

Oct. 11—Columbus Day
25—Veterans' Day—Holiday

1971	S	M	T	W	T	F	S
Nov.		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30				

Nov. 12—First Quarter Ends — 38 days
24—Thanksgiving, College closes at end of morning, 12:20 p.m.
29—Fall Semester Resumes

1971	S	M	T	W	T	F	S
Dec.				1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	

Dec. 18-Jan. 2—Christmas Vacation

1972	S	M	T	W	T	F	S
Jan.							1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31					

Jan. 3—Fall semester Resumes
20-28—Examination Days
Jan. 28—End of Second Quarter — 43 days

1972	S	M	T	W	T	F	S
Feb.			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29				

Jan. 31-Feb. 4—Winter Week — no sessions

Feb. 7—Opening Spring Semester

21—Washington's Birthday — Holiday

1972	S	M	T	W	T	F	S
March				1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	

March 30—End of 3rd Quarter — 38 days

31—Good Friday

31-April 7—Easter Vacation

1972	S	M	T	W	T	F	S
April							1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30						

Apr. 10—Spring Semester Resumes

17—Patriot's Day—Holiday

26—May 12—Art's Festival

1972	S	M	T	W	T	F	S
May		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			

May 26—Final Sessions

29—Memorial Day—Holiday

30—Senior Exams

25-June 5—Examinations

1972	S	M	T	W	T	F	S
June					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	

June 9—4th Quarter Ends—43 days

8—General Faculty Meeting (10:00 a.m.)

9—Department Chairmen — 10:30 a.m.

Department Meetings — 1:00 p.m.

11—Commencement

College Calendar 1972 - 1973

1972	S	M	T	W	T	F	S
Sept.						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30

Sept. 4—Labor Day
13—New Faculty Conference
14—General Faculty Meeting (10:30 a.m. Bates 117)
15—Department Chairmen — (10:00 a.m.)
Department Meetings — (1:00 p.m.)
13, 14, 15—Freshman Days
18—Fall Semester Begins

1972	S	M	T	W	T	F	S
Oct.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31				

Oct. 9—Columbus Day
23—Veterans' Day

1972	S	M	T	W	T	F	S
Nov.				1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30		

Nov. 10—First Quarter Ends (39 days)
22—Thanksgiving—College closes at end of morning, 12:20 p.m.
27—Fall semester resumes

1972	S	M	T	W	T	F	S
Dec.						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						

Dec. 16-Jan. 3—Christmas Vacation

1973	S	M	T	W	T	F	S
Jan.		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			

Jan. 3—Fall Semester Resumes
18-26—Examination Days
26—End of Second Quarter (41 days)
29-Feb. 2—Winter Week — no sessions

1973	S	M	T	W	T	F	S
Feb.					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28			

Feb. 5—Opening Spring Semester
19—Washington's Birthday — Holiday

1973	S	M	T	W	T	F	S
Mar.					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31

March 30—End of 3rd Quarter — 39 days

1973	S	M	T	W	T	F	S
Apr.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30					

Apr. 2-19—Arts Festival
16—Patriot's Day—Holiday
20—Good Friday
20-29—Easter Vacation

1973	S	M	T	W	T	F	S
May			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		

May 28—Memorial Day—Holiday
23-June 4—Examination Days

1973	S	M	T	W	T	F	S
June						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30

June 7—General Faculty Meeting (10:30 a.m.)
8—Department Meetings (1:30 p.m.)
8—4th Quarter Ends—43 days
10—Commencement

NEW FACULTY, FALL 1970

JOHN AUCKER, B.S.E., M.S.E., Ed.D.

Assistant Professor of Psychology, 1970

Bucknell University, B.S.E., 1961; M.S.E., 1962; Colorado State College, Ed.D., 1970.

KENNETH F. BOWSER, B.A., M.A.

Instructor of Sociology, 1970

Hunter College, B.A., 1966; Fordham University, M.A., 1970.

PETER B. BULKLEY, B.A., M.A.

Assistant Professor of History, 1970

Dartmouth College, B.A., 1955; University of New Hampshire, M.A., 1958.

WILLIAM F. DUVAL, B.S., M.A., Ed.D.

Assistant Professor of Psychology, 1970

Holy Cross, B.S., 1961; University of Connecticut, M.A., 1963; Indiana University, Ed.D., 1969.

WESTON A. DYER, B.S.Ed., M.S.Ed.

Assistant Professor of History, 1970

University of Maine, B.S.Ed., 1959; Gorman State College, M.S.Ed., 1967.

MARGARET A. FOGARTY, B.A., M.S.

Instructor of Mathematics, 1970

Albertus Magnus College, B.A., 1957; University of New Hampshire, M.S., 1969.

LARRY D. FRENCH, B.S., M.Ed., M.S.

Assistant Professor of Men's Physical Education, 1970

Springfield College, B.S., 1964; Bridgewater State College, M.Ed., 1967; Springfield College, M.S., 1970.

BETTY HARRIS, B.A., M.S., Ph.D.

Assistant Professor of Biology, 1970

Wayne State University, B.A., 1964; M.S., 1966; Ph.D., 1970

WARREN J. HILL, JR., B.S.Ed., M.S.T., Ph.D.

Assistant Professor of Mathematics, 1970

Keene State University, B.S.Ed., 1961; University of New Hampshire, M.S.T., 1966; Peabody College, Ph.D. 1970.

LESTER T. HUTTON, B.A., M.A.

Assistant Professor of History, 1970

Chicago University, B.A., 1962; Eastern Illinois University, M.A., 1965.

ROBERT H. JACKMAN, B.S., Ed.M., Ph.D.

Associate Professor of Secondary Education, 1970

Northeastern University, B.S., 1951; Boston University, Ed.M., 1952; University of Connecticut, Ph.D., 1970.

DAVID A. LOVEJOY, B.A., Ph.D.

Assistant Professor of Biology, 1970

University of Connecticut, B.A., 1965; Ph.D., 1970.

LLOYD K. MANZER, B.M.

Instructor of Music, 1970

Boston University, B.M., 1953.

CARMELINA L. MERINO, B.S.Ed., M.A.

Assistant Professor of Elementary Education, 1970

Boston University, B.S.Ed., 1951; Teacher's College, Columbia, M.A., 1955.

GERARD J. RIVELL, B.S., Ed.M.

Assistant Professor of Secondary Education, 1970

U.S.M.A., West Point, B.S., 1960; Boston University, Ed.M., 1964.

THOMAS F. SOUSA, B.A., M.A., Ph.D.

Associate Professor of Modern Foreign Languages, 1970
Wisconsin University, B.A., 1950; M.A.; 1951; Ph.D., 1963.

MARTHA I. VAN ALLEN, B.S., M.Ed., D.P.E.

Associate Professor of Women's Physical Education, 1970
SUNY — Cortland, B.S., 1950; St. Lawrence University, M.Ed., 1958; Springfield College, D.P.E., 1966.

GEORGE E. WORLE, B.S., M.A., Ed.D.

Assistant Professor of Secondary Education, 1970
North Dakota State University, B.S., 1950; College of St. Thomas, M.A., 1963; University of Massachusetts, Ed.D., 1970.

Juniper Park Training School — 1968

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